

County Council of Durham



ANNUAL REPORT

OF THE

Medical Officer of Health

AND

OTHER RECORDS FOR THE YEAR

1961

GEORGE WILSON, M.B., B.S., B.Hy., D.P.H.

County Medical Officer of Health

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COUNTY COUNCIL OF DURHAM

To the Chairman and Members of the County Council of Durham.

Ladies and Gentlemen,

I beg to submit my annual report on the health of the administrative county and the work of the County Health Department for the year 1961.

The birth-rate and death rate again remain stable. I am pleased to draw attention to the following rates, each of which is the lowest for this administrative county — maternal mortality 0.39 per 1,000 total births, infant mortality 23 per 1,000 total births and stillbirths 22.2 per 1,000 total births. The corresponding rates for the year 1931 were maternal mortality 6.46, infant mortality 85 and stillbirth 43.9.

Under schemes of delegation made under the Local Government Act, 1958, the Borough of Stockton-on-Tees and the Rural District of Easington were given powers to administer certain health and welfare functions on behalf of the County Council with effect from the 1st April. Statistics in respect of the delegated areas are included in totals for the administrative county and, where applicable, are shown separately for the full year.

I welcome another opportunity of thanking members of the Health Department staff for their assistance during the year, and the Chairman and Members of the Health Committee for their continued support.

I have the honour to be,

Ladies and Gentlemen,

Your obedient Servant,

GEORGE WILSON.

County Health Department,

Shire Hall,

DURHAM.

Tel. No. 4411.

October, 1962.

STAFF OF THE COUNTY HEALTH DEPARTMENT.

COUNTY MEDICAL OFFICER OF HEALTH.

George Wilson, M.B., B.S., B.Hy., D.P.H.

DEPUTY COUNTY MEDICAL OFFICER OF HEALTH.

S. Ludkin, M.D., D.P.H.

SENIOR WELFARE MEDICAL OFFICER.

M. T. McFadden, M.B., B.Ch., B.A.O., D.P.H.

ASSISTANT WELFARE MEDICAL OFFICERS

L. R. Benham, M.B., B.S., D.P.H. (part-time).

E. Burbridge, M.R.C.S., L.R.C.P. (part-time), resigned 31.8.61.

W. J. Coates, M.B., Ch.B., D.Obst., R.C.O.G. (part-time).

M. M. Copland, M.B., Ch.B.

D. Crawshaw, M.B., Ch.B.

J. Dabrowska, M.B., Ch.B.

M. M. Dickinson, M.R.C.S., L.R.C.P.

A. J. M. Gilruth, B.Sc., M.B., Ch.B., D.Obst., R.C.O.G., D.C.H.

*M. E. Hegarty, M.B., B.Ch., B.A.O.

J. M. Hegarty, M.B., B.Ch., B.A.O., D.P.H. (part-time).

E. J. Leckie, M.B., Ch.B. (part-time).

G. A. Macgregor, M.D., D.P.H. (part-time).

F. L. Mitchell, M.B., Ch.B., D.C.H.

F. M. Murray, L.R.C.P., L.R.C.S. (temporary), resigned 31.12.61.

M. W. Rodgers, M.B., B.Ch., B.A.O., D.P.H. (part-time).

L. Ross, M.B., B.S. (temporary).

J. Sherriffs, M.B., Ch.B.

K. M. Stewart, M.B., Ch.B. (part-time).

H. W. Tonge, M.B., Ch.B. (part-time).

A. Wagg, M.B., B.S.

A. S. M. Wilson, L.R.C.P., L.R.C.S., L.R.F.P.S., D.P.H. (part-time), commenced 1.10.61

M. W. Wright, M.B., B.Ch., B.A.O., D.Obst., R.C.O.G. (part-time), resigned 30.9.61.

DENTAL SURGEONS — PART-TIME AT WELFARE CENTRES.

J. Hutchinson, B.D.S., resigned June, 1961.

*Engaged in work of Children Department.

ASSISTANT COUNTY MEDICAL OFFICERS.

Area No. 1. J. A. Dryden, M.A., B.Sc., M.B., B.Chir., D.P.H.,
D.I.H., commenced 1.7.61.

Area No. 2. T. C. Falconer, M.B., Ch.B., D.P.H.

Area No. 3. R. Hill, M.B., B.Ch., D.P.H.

Area No. 4. J. L. Siddle, M.B., B.S., D.P.H.

Area No. 5. R. C. F. Smith, M.D., D.P.H.

Area No. 6. G. A. Macgregor, M.D., D.P.H.

Area No. 7. R. G. Drummond, M.B., Ch.B., D.P.H.

Area No. 8. J. G. Paley, M.R.C.S., L.R.C.P., D.P.H., retired 1.7.61.

A. S. M. Wilson, L.R.C.P., L.R.C.S., L.R.F.P.S.,
D.P.H., commenced 1.10.61.

Area No. 9. J. M. Hegarty, M.B., B.Ch., B.A.O., D.P.H.

Area No. 10. M. W. Rodgers, M.B., B.Ch., B.A.O., D.P.H.

MEDICAL OFFICERS OF HEALTH — DELEGATED AUTHORITIES.

Easington R.D. J. W. A. Rodgers, M.B., B.Ch., D.P.H.

Stockton M.B. H. J. Peters, M.B., B.Hy., D.P.H., D.P.A.

COUNTY HEALTH INSPECTOR.

T. S. Yarrow, C.R.S.H., M.A.P.H.I.

HEALTH VISITING SERVICE.

SUPERINTENDENT.

Miss A. Fraser, S.R.N., S.C.M., H.V. Cert.

DEPUTY SUPERINTENDENTS.

Miss M. Pattison, S.R.N., S.C.M. (Part 1), R.F.N., H.V. Cert.

Miss W. E. Morgan, S.R.N., S.C.M., H.V. Cert., Q.I.D.N.

110 Health Visitors.

MIDWIFERY AND NURSING SERVICES.

SUPERINTENDENT.

Miss N. Hawkins, S.R.N., S.C.M., R.F.N., H.V. Cert., Q.I.D.N.

DEPUTY SUPERINTENDENT.

Miss N. Dodds, S.R.N., S.C.M.

ASSISTANT SUPERINTENDENTS.

Miss G. I. Jones, S.R.N., S.C.M., Q.I.D.N.

Mrs. E. Hedley, S.R.N., S.C.M.

DOMICILIARY MIDWIVES AND DISTRICT NURSES.

124 District Midwives.

33 District Nurse-Midwives.

118 District Nurses.

CHIEF NURSING OFFICERS.

Easington R.D. Miss A. Howarth, S.R.N., S.C.M., H.V. Cert.
Q.N.S.

Stockton M.B. Miss A. Hansbury, S.R.N., S.C.M., H.V. Cert.,
Q.I.D.N.

NURSERIES.

4 Matrons.
32 Other staff.

MENTAL HEALTH.

11 Mental Welfare Officers.
1 Social Worker.
1 Home Teacher of the Mentally Handicapped.

TRAINING CENTRES FOR THE MENTALLY SUBNORMAL.

6 Supervisors.
18 Other staff.

DOMESTIC HELP SERVICE.

1 Organiser. 15 Assistant Organisers.

HANDICAPPED PERSONS.

1 Social Worker.
1 Occupational Therapist.

BLIND PERSONS.

17 Home Teachers.

UNSATISFACTORY TENANTS.

1 Social Worker.

AMBULANCE SERVICE.

Ambulance Officer.
3 Staff Officers.
Maintenance Officer.

Central Control Staff.—

4 Supervisors.
6 Control Assistants.
3 Telephonists.
1 Radio Operator.
3 Liaison Officers.
14 Depot Superintendents.
32 Senior Drivers.
240 Driver-Attendants.
4 Depot Telephonists.
4 Mechanics.

WELFARE SERVICES—RESIDENTIAL ACCOMMODATION

4 Superintendents.
14 Matrons.
2 Wardens.
248 Other staff.

STATISTICS.

| | |
|---|-------------|
| Area (in acres) | 620,276 |
| Registrar-General's estimate of population, mid-1961 .. | 955,050 |
| Rateable value as at the 1st April, 1961 | £10,273,404 |
| Sum represented by a penny rate | £40,602 |

| <i>Live Births</i> | <i>M.</i> | <i>F.</i> | <i>Total</i> |
|--------------------|-------------|-------------|--------------|
| Legitimate | 8,592 | 8,273 | 16,865 |
| Illegitimate | 284 | 262 | 546 |
| | <hr/> 8,876 | <hr/> 8,535 | <hr/> 17,411 |

| | |
|--|------|
| Live Birth-rate per 1,000 population | 18.2 |
| Illegitimate Live Births per cent of total live births | 3.1 |

| <i>Still Births</i> | <i>M.</i> | <i>F.</i> | <i>Total</i> |
|---------------------|-----------|-----------|--------------|
| Legitimate | 201 | 177 | 378 |
| Illegitimate | 9 | 8 | 17 |
| | <hr/> 210 | <hr/> 185 | <hr/> 395 |

| | |
|--|------|
| Still Birth-rate per 1,000 total live and still births | 22.2 |
|--|------|

| <i>Total Births</i> | <i>M.</i> | <i>F.</i> | <i>Total</i> |
|---------------------|-------------|-------------|--------------|
| Live | 8,876 | 8,535 | 17,411 |
| Still | 210 | 185 | 395 |
| | <hr/> 9,086 | <hr/> 8,720 | <hr/> 1,7806 |

| | |
|---|-----|
| Infant Deaths (deaths under 1 year) | 407 |
|---|-----|

Infant Mortality Rates.—

| | |
|---|------|
| Total infant deaths per 1,000 total live births | 23.4 |
| Legitimate infant deaths per 1,000 legitimate live births .. | 23.4 |
| Illegitimate infant deaths per 1,000 illegitimate live births .. | 27.5 |
| Neo-Natal Mortality Rate per 1,000 total live births | 16.3 |
| Early Neo-Natal Mortality Rate per 1,000 total live births .. | 13.8 |
| Perinatal Mortality Rate per 1,000 total live and still births .. | 25.7 |
| Maternal Mortality (including abortion).— | |
| Number of deaths | 7 |
| Rate per 1,000 total live and still births | 0.39 |

Deaths and Death Rates from.—

| | <i>No. of Deaths.</i> | <i>Rate per 1,000 estimated average population</i> |
|--|-----------------------|--|
| Cancer | 1,895 | 1.98 |
| Measles | — | — |
| Whooping Cough | 1 | 0.001 |
| Diarrhoea (under 2 years of age) | 6 | 0.006 |
| Scarlet Fever | — | — |
| Diphtheria | — | — |
| Typhoid and Paratyphoid | — | — |

COMMITTEES.

The administration of matters affecting public health and of the National Health Service Acts, 1946-1952, and the National Assistance Acts, 1948 and 1951 in so far as they affect the County Council, devolve upon the Health Committee. In connection with the administration of the National Health Service Acts the following standing committees have been established.—

Maternity and Child Welfare
Ambulances
Midwifery, Home Nursing, Health Visiting and
Domestic Help
Mental Health
E. F. Peile County Convalescent Home

These sub-committees, with the exception of the Mental Health Sub-Committee which meets bimonthly, have meetings in each month except August. In connection with the administration of the National Assistance Acts there is a standing Welfare Sub-Committee which meets monthly except in August.

On the 1st April, as a result of the delegation of functions to Stockton M.B. and Easington R.D., the number of Area Health Sub-Committees was reduced from twelve to ten. The ten Sub-Committees meet quarterley.

AREA.

The area of the administrative county is 620,276 acres—143,044 in municipal boroughs and urban districts and 477,232 in rural districts—the density of population being 1.54 persons per acre.

The administrative county consists of four municipal boroughs, 21 urban districts and 10 rural districts. The area of each of these districts is given in Table B, at the end of this report.

POPULATION.

The Registrar General's estimate of population for the administrative county for mid-year 1961 is 955,050, and shows an increase of 4,180 compared with his estimate for mid-year 1960. The estimated population of each sanitary district in the administrative county is given in Table B, at the end of this report.

RATEABLE VALUE.

The rateable value of the administrative county on the 1st April, 1961, was £10,273,404, and a penny rate represented the sum of £40,602.

BIRTHS AND BIRTH-RATES.

The number of live births registered in the administrative county during 1961 was 17,411, equal to a rate of 18.2 per 1,000 population compared with 18.5 for the previous year. The provisional rate for England and Wales for 1961 is 17.4.

Of the total live births registered, 8,592 males and 8,273 females were legitimate and 284 males and 262 females illegitimate, the percentage of illegitimate live births to total live births being 3.1 compared with 3.4 in 1960.

The number of stillbirths registered was 395, equal to a rate of 22.7 per 1,000 (live and still) births, compared with 23.4 during 1960. Of the stillbirths registered 201 males and 177 females were legitimate and 9 males and eight females illegitimate.

The still-birth-rate among illegitimate children was 30 per 1,000 (live and still) births.

The adjusted birth-rate for the administrative county, in accordance with the comparability factor (0.96) supplied by the Registrar General, is 17.4 per 1,000 population.

DEATHS AND DEATH-RATES.

The number of deaths registered in the administrative county during the year, after correction for inward and outward transfers, was 10,737, equal to a death-rate of 11.2 per 1,000 population compared with 11.5 in the previous year.

The adjusted death-rate for the administrative county, in accordance with the comparability factor (1.23) supplied by the Registrar General, is 13.8 per 1,000 population.

INFANT MORTALITY.

The number of deaths of infants under one year of age registered during the year was 407, a decrease of 81 compared with the previous year. The infant mortality rate per 1,000 live births was 23 compared with 28 in 1960.

The perinatal mortality rate—the combined stillbirths and deaths in the first week of life expressed as a rate per 1,000 total births—and the early neo-natal mortality rate—deaths in the first week of life, per 1,000 live births—are shown in the following table, along with the infant mortality rate after the first week, per 1,000 total births.

TABLE 1.

| <i>Year</i> | <i>Perinatal Mortality</i> | <i>Early Neo-Natal Mortality</i> | <i>Infant Mortality Rate 1 week — 1 year</i> |
|-------------|--------------------------------|--|--|
| 1952 | 41.6 | 16.4 | 16.1 |
| 1953 | 39.8 | 16.3 | 14.2 |
| 1954 | 42.6 | 17.9 | 12.6 |
| 1955 | 42.0 | 18.1 | 13.1 |
| 1956 | 40.1 | 15.9 | 11.3 |
| 1957 | 39.8 | 14.9 | 11.9 |
| 1958 | 37.8 | 14.9 | 10.3 |
| 1959 | 39.1 | 16.0 | 10.5 |
| 1960 | 40.1 | 17.0 | 10.4 |
| 1961 | 35.7 | 13.8 | 9.3 |

The death-rate of legitimate infants under one year of age per 1,000 legitimate live births was 23.4, while the death-rate of illegitimate infants per 1,000 illegitimate live births was 27.5.

Of the 407 deaths of children under one year of age, 153 or 38% were registered as being due to prematurity occurring during the first four weeks of life.

The neo-natal mortality rate per 1,000 live births was 16.3 compared with 19.2 in 1960.

Table 2 shows the number of births registered, the number of deaths of children under one year of age, and the infant mortality rate for the last ten years.

TABLE 2.

| <i>Year.</i> | <i>Births.</i> | <i>Deaths under 1 year.</i> | <i>Rate per 1,000 Births.</i> |
|--------------|----------------|-------------------------------------|---------------------------------------|
| 1952 | 15,575 | 513 | 33 |
| 1953 | 16,064 | 496 | 31 |
| 1954 | 15,732 | 484 | 31 |
| 1955 | 15,734 | 496 | 32 |
| 1956 | 16,428 | 451 | 27 |
| 1957 | 17,063 | 462 | 27 |
| 1958 | 17,414 | 443 | 25 |
| 1959 | 16,976 | 453 | 27 |
| 1960 | 17,622 | 488 | 28 |
| 1961 | 17,411 | 407 | 23 |

BACTERIOLOGICAL LABORATORY FACILITIES.

The Medical Research Council, acting on behalf of the Ministry of Health, continues to be responsible for the administration of the public health laboratory service.

The laboratories situated at the General Hospital, Newcastle upon Tyne, Havelock Hospital, Sunderland, General Hospital, Middlesbrough and the Friarage Hospital, Northallerton, undertake examinations for the administrative county area.

TREATMENT CENTRES and CLINICS.

Maternity and Child Welfare Centres.—The number of welfare centres at the end of the year was 97.

Dental Clinics.—Nineteen clinics were in operation during the year.

Ante-Natal Clinics.—Sessions were being held at 45 centres at the end of the year. At centres where numbers do not justify special sessions, advice is given at child welfare centres.

Post-Natal Clinics.—At the end of the year the number of centres at which post-natal sessions were held was 13. At centres where numbers do not justify special sessions, advice is given at ante-natal clinics.

Birth Control Clinics.—At the end of the year the number of centres at which birth-control sessions were held was 14. At some centres where the numbers attending did not justify special sessions, birth-control advice was given at combined sessions.

Day Nurseries.—Four day nurseries were in use during the year.

Artificial Sunlight Clinics.—The number of centres using ultra-violet ray lamps at the end of the year was 29.

NURSING HOMES.

During the year no applications were made to the County Council under section 194 of the Public Health Act, 1936, for the delegation of their powers to district councils. The maternity and nursing homes were periodically inspected.

REGISTERED NURSING HOMES.

| <i>Name and Address.</i> | <i>Description.</i> |
|--|---|
| Rosemount, 32, Bede Road, Barnard Castle. | Maternity and general. |
| Percy House, Neville's Cross, Durham. | Aged, infirm and border-line mental cases. |
| Broadmeadows Manor, nr. Castleside. | General, chronic, aged and infirm. |
| St. Cuthbert's Hospital, Rockcliffe Park, Hurworth-on-Tees, (annexe to Hospital of St. John of God, Scorton). | Chronic sick (males). |
| "Milford," North End, Durham. | Aged and infirm. |
| "Ashbrook," St. John's Road, Neville's Cross, Durham. | Aged and infirm. |
| Whitelea House, Crook. | Aged and infirm (females). |

The certificate of exemption from registration under the Public Health Act, 1936, in respect of "Wayside," West Boldon, was again renewed for one year.

HEALTH CENTRES.

The centre at Peterlee continues to operate satisfactorily while that at Stockton was nearing completion at the end of the year.

The general practitioners in the Felling area have notified changes of circumstances as a result of which only three of the original twelve practitioners were still interested in using a health centre. The proposal to build a centre on the Leam Lane Estate, Felling, has therefore been held in abeyance.

CARE OF EXPECTANT AND NURSING MOTHERS AND CHILDREN UNDER SCHOOL AGE.

Centres.—During the year Stainton Camp was closed and Ryton changed premises making a total of 97 centres, 45 of which are held in premises owned or wholly rented by the County Council, the remaining centres being held in premises such as church halls, on a rental basis.

Table 3 shows the aggregate attendances at the welfare centres during the year and Table 4 the attendances at each welfare centre.

TABLE 3.

| | Babies and Children's Sessions. | | | Ante-Natal Sessions. |
|---|---------------------------------|----------------------|----------------------|----------------------|
| | Under 1 year. | 1 and under 2 years. | 2 and under 5 years. | |
| No. on books | 9,223 | 8,150 | 9,703 | 2,598 |
| Attendances | 103,898 | 19,647 | 19,207 | 11,762 |
| Average attendances per session | 19 | 4 | 4 | 6 |
| Consultations | 68,298 | 13,508 | 13,204 | 11,686 |
| Average consultations per session | 13 | 3 | 3 | 6 |

During the year 27,076 children made 142,742 attendances at the 97 centres compared with 25,333 children and 130,076 attendances in 1960.

The following statement gives the attendances of mothers from the administrative county area at centres outside that area.—

| | <i>Mothers.</i> | | | | | <i>Attendances.</i> |
|-----------------------|-----------------|----|----|----|-----|---------------------|
| Darlington | .. | .. | .. | .. | 83 | 284 |
| Gateshead | .. | .. | .. | .. | 211 | 744 |
| South Shields | .. | .. | .. | .. | 29 | 79 |
| Sunderland | .. | .. | .. | .. | 175 | 555 |
| West Hartlepool | .. | .. | .. | .. | 28 | 101 |
| Yarm | .. | .. | .. | .. | 185 | 614 |
| Totals | .. | .. | .. | .. | 711 | 2,377 |

Ante-Natal Clinics.—During the year 2,598 expectant mothers made 11,762 attendances compared with 3,427 mothers and 15,209 attendances in 1960.

The following is an analysis of some features of 2,464* of the cases attending the ante-natal clinics. (*Information in respect of Stockton M.B. not available from time of declaration.*)

Duration of Pregnancy at first attendance.

| | | | | | | |
|----------------|----|----|----|----|-------|-------|
| Under 3 months | .. | .. | .. | .. | .. | 393 |
| 3-6 months | .. | .. | .. | .. | .. | 1,483 |
| 6-9 months | .. | .. | .. | .. | .. | 588 |
| | | | | | Total | 2,464 |

Age of Patients.

| | | | | | |
|----------------|----|----|----|-------|-------|
| Under 20 years | .. | .. | .. | .. | 208 |
| 20-25 years | .. | .. | .. | .. | 903 |
| 26-30 years | .. | .. | .. | .. | 677 |
| 31-35 years | .. | .. | .. | .. | 449 |
| 36-40 years | .. | .. | .. | .. | 187 |
| 41-45 years | .. | .. | .. | .. | 39 |
| 46-50 years | .. | .. | .. | .. | 1 |
| | | | | Total | 2,464 |

Number of Pregnancy.

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 676 | 724 | 474 | 273 | 144 | 68 | 53 | 24 | 13 | 5 | 5 | 3 | 1 | — | — | 1 |

Total.—2,464

Health of Mothers.

| Poor | Moderate | Good | Total |
|------|----------|-------|-------|
| 37 | 356 | 20,71 | 2,464 |

Nature of Confinement.

| | | | | | | |
|-----|---------------------|----|----|----|-----|-------|
| (a) | Normal | .. | .. | .. | .. | 1,561 |
| (b) | Abnormal | | | | | |
| | Instrumental | .. | .. | .. | 41 | |
| | Induction | .. | .. | .. | 16 | |
| | Caesarean | .. | .. | .. | 22 | |
| | Malpresentation | .. | .. | .. | 22 | |
| | Other abnormalities | | .. | .. | 11 | |
| | A. P. haemorrhage | | .. | .. | 13 | |
| | P. P. haemorrhage | .. | .. | .. | 7 | |
| | Prolonged labour | | | | | |
| | Disproportion | | .. | .. | — | |
| | Inertia | .. | .. | .. | 4 | |
| | Died undelivered | .. | .. | .. | — | |
| | | | | | | 136 |
| | Left district | .. | .. | .. | 60 | |
| | Not yet delivered | .. | .. | .. | 707 | |
| | | | | | | 767 |
| | | | | | | 2,464 |

Results.

| | | | | |
|------------------------|----|----|-------|---------------|
| Full time live births | .. | .. | 1,604 | |
| Full time still births | .. | .. | 12 | |
| Premature live births | .. | .. | 61 | |
| Premature still births | .. | .. | 12 | |
| Abortions | .. | .. | 33 | |
| Died undelivered | .. | .. | — | |
| | | | <hr/> | 1,722 |
| Left district | .. | .. | 60 | |
| Not yet delivered | .. | .. | 707 | |
| | | | <hr/> | 767 |
| | | | | <hr/> |
| | | | | <u>*2,489</u> |

* includes 21 sets of twins and 2 sets of triplets.

Place of confinement.

| | | | | | |
|--------------------|----|----|----|----|--------------|
| (a) In hospitals | .. | .. | .. | .. | 819 |
| (b) At home | | | | | |
| Midwife | .. | .. | .. | .. | 683 |
| Doctor and Midwife | .. | .. | .. | .. | 155 |
| B.B.A. | .. | .. | .. | .. | 22 |
| Doctor | .. | .. | .. | .. | 18 |
| Flying Squad | .. | .. | .. | .. | — |
| | | | | | <hr/> |
| | | | | | 878 |
| Left district | .. | .. | .. | .. | 60 |
| Not yet delivered | .. | .. | .. | .. | 707 |
| | | | | | <hr/> |
| | | | | | 767 |
| | | | | | <hr/> |
| | | | | | <u>2,464</u> |

Abnormal conditions found at ante-natal examinations.—

| | | | | | | | |
|-------------------------|----|----|----|-----|--|----|----|
| Anaemia | .. | .. | .. | 349 | Urinary infection | | |
| Presence of Antibodies | .. | .. | .. | 12 | (a) acute | .. | 38 |
| Dental caries | .. | .. | .. | 486 | (b) chronic nephritis | .. | 1 |
| Diabetes | .. | .. | .. | 2 | Cardiac disease | .. | 31 |
| Early toxæmia | .. | .. | .. | 153 | Placenta prævia | .. | 2 |
| Pre-eclamatic toxæmia | .. | .. | .. | 84 | Accidental hæmorrhage | | |
| Bronchitis | .. | .. | .. | 36 | (a) with toxæmia | .. | 4 |
| Tuberculosis | .. | .. | .. | 19 | (b) without toxæmia | .. | 19 |
| Venereal disease | .. | .. | .. | 1 | Pelvic contraction | .. | 19 |
| Non-venereal discharges | | | | 295 | Malpresentation | .. | 34 |
| Hæmorrhoids | .. | .. | .. | 168 | History of virus disease | .. | 1 |
| Varicose veins | .. | .. | .. | 370 | Mental abnormality associated with pregnancy | .. | 3 |
| Constipation | .. | .. | .. | 363 | Other conditions | .. | 19 |

Post-Natal Clinics.—Table 5 shows the numbers on the books and the attendances made. In addition to 244 mothers who attended the special sessions, 156 were examined post-natally at ante-natal clinics.

As there were no attendances, the clinic at Consett was closed 1st October.

From the 1st October no special post-natal sessions were held at Coxhoe, Hetton, Houghton and Spennymoor.

Birth Control Clinics.—Table 6 shows the numbers and attendances during the year. In addition to 1,418 mothers who attended special sessions, 33 mothers made 98 attendances at combined sessions.

From 1st October birth control advice was given at combined sessions at Coxhoe, Hetton, Houghton and Spennymoor.

Artificial Sunlight Clinics.—Treatment was given at 30 centres. The numbers attending were 1,287 and the attendances were 15,419. Details are shown in Table 7.

As there were no attendances, the clinic at Spennymoor was closed on 1st April.

E. F. Peile Home, Shotley Bridge.—This convalescent home for mothers and babies is administered by the County Council

During the year 142 mothers and 119 babies and 257 children were admitted. The average duration of stay was 19 days in the case of mothers, 21 for babies and 23 days in the case of children.

Day Nurseries.—Table 8 shows the accommodation available in each nursery together with the average daily attendances.

TABLE 8.

Day Nurseries.—

| <i>Nursery.</i> | | | <i>Number of Places.</i> | <i>Average Attendances.</i> |
|-----------------|----|----|------------------------------|---------------------------------|
| Haverton Hill | .. | .. | 20 | 14 |
| Hebburn | .. | .. | 80 | 49 |
| Stockton.— | | | | |
| (a) Durham Road | .. | .. | 60 | 35 |
| (b) Norton Road | .. | .. | 60 | 34 |

County Federation of Voluntary Workers.—5 meetings were held during the year.

Homes or Hostels for Unmarried Mothers and their Babies.—Smelt House, Howden-le-Wear has 17 beds and 9 cots.

76 expectant mothers were admitted during the year and the average length of stay was ante-natal six weeks and post-natal six weeks.

Arrangements continued for the admission of unmarried mothers to homes outside the county and 12 expectant mothers were admitted.

TABLE OF ATTENDANCES OF MOTHERS AND INFANTS AT CHILD WELFARE CENTRES.

| CENTRES. | No. on Books from 1.1.11. | | | Attendance. | | | Consultations. | | |
|----------------------------|---------------------------|----------|-------------------|----------------------|-------------------|-------------------|----------------|-------------------|-------------------|
| | Number | | | Average per Station. | | | Number. | | |
| | Expectant Mothers | Children | Between 1-2 years | Between 2-3 years | Between 3-4 years | Between 4-5 years | Under 1 year | Between 1-3 years | Between 3-5 years |
| Area No. 1. | | | | | | | | | |
| Blaydon | 29 | 97 | 110 | 148 | 144 | 1152 | 314 | 105 | 3 |
| *Chopwell | 6 | 33 | 38 | 54 | 16 | 357 | 68 | 91 | 24 |
| *Dunston | 16 | 117 | 113 | 194 | 49 | 1425 | 388 | 386 | 6 |
| *Rowlands Gill | 18 | 86 | 80 | 63 | 375 | 2074 | 497 | 424 | 15 |
| *Ryton | 61 | 141 | 159 | 160 | 336 | 2178 | 594 | 353 | 18 |
| *Sunside | 6 | 27 | 15 | 16 | 26 | 293 | 42 | 25 | 12 |
| *Whickham | 2 | 52 | 57 | 42 | 10 | 635 | 103 | 118 | 24 |
| Winkton | 13 | 117 | 113 | 164 | 42 | 1731 | 365 | 313 | 18 |
| | 151 | 670 | 685 | 871 | 704 | 8660 | 2039 | 1627 | 6 |
| Area No. 2. | | | | | | | | | |
| *Felling, Leam Lane | 9 | 176 | 205 | 217 | 39 | 2174 | 448 | 381 | 19 |
| Hebburn | 147 | 201 | 178 | 273 | 375 | 2074 | 497 | 424 | 10 |
| St. Alban's Villa | 352 | 194 | 177 | 170 | 194 | 1952 | 333 | 323 | 19 |
| Jarrow, Simonside | 20 | 104 | 145 | 188 | 94 | 1381 | 532 | 429 | 4 |
| Walter Street | 124 | 155 | 137 | 139 | 465 | 1724 | 255 | 232 | 9 |
| | 652 | 830 | 842 | 987 | 2920 | 9305 | 2115 | 1849 | 11 |
| Area No. 3. | | | | | | | | | |
| Amfield Plain | 64 | 108 | 91 | 169 | 262 | 1197 | 152 | 232 | 5 |
| Blackhill | 91 | 64 | 64 | 64 | 123 | 1504 | 345 | 267 | 6 |
| *Burnhope | 2 | 18 | 18 | 20 | 11 | 245 | 33 | 33 | 10 |
| Burnopfield | 33 | 48 | 37 | 98 | 197 | 610 | 166 | 240 | 8 |
| Consett, Wetherill House | 6 | 219 | 149 | 302 | 9 | 1645 | 202 | 406 | 14 |
| *The Grove | 2 | 48 | 43 | 53 | 4 | 422 | 58 | 103 | 15 |
| *Craghead | 15 | 38 | 34 | 53 | 60 | 493 | 65 | 74 | 2 |
| *Dipion | 2 | 37 | 36 | 52 | 3 | 415 | 87 | 84 | 19 |
| East Stanley | 17 | 152 | 138 | 217 | 66 | 1903 | 373 | 505 | 3 |
| *Lanchester | 3 | 5 | 24 | 14 | 6 | 193 | 38 | 19 | 16 |
| *Langley Park | 6 | 49 | 31 | 36 | 27 | 432 | 57 | 59 | 17 |
| South Moor | 39 | 55 | 35 | 35 | — | 419 | 35 | 39 | 18 |
| *Tanfield Lea | 15 | 33 | 46 | 105 | 64 | 421 | 123 | 181 | 12 |
| | 165 | 890 | 766 | 1218 | 709 | 9492 | 1502 | 2082 | 4 |
| Area No. 4. | | | | | | | | | |
| Birley | 31 | 150 | 139 | 187 | 123 | 1504 | 345 | 267 | 6 |
| Chester-le-Street | 54 | 215 | 242 | 307 | 314 | 2817 | 548 | 438 | 6 |
| *Scriuton | 43 | 96 | 70 | 99 | 203 | 915 | 172 | 163 | 8 |
| West Felton | 129 | 548 | 540 | 711 | 641 | 6248 | 1247 | 1006 | 7 |
| Area No. 5. | | | | | | | | | |
| Boldon | 80 | 61 | 58 | 30 | 354 | 574 | 62 | 39 | 9 |
| *Castletown | 1 | 36 | 44 | 42 | 2 | 337 | 127 | 117 | 11 |
| *East Boldon | 26 | 111 | 89 | 41 | 78 | 1259 | 128 | 63 | 19 |
| *Fencehouses | 5 | 48 | 43 | 67 | 37 | 550 | 81 | 139 | 14 |
| Hetton | 51 | 86 | 84 | 61 | 236 | 822 | 143 | 60 | 10 |
| *Houghton-le-Spring | 27 | 94 | 90 | 107 | 71 | 836 | 171 | 148 | 9 |
| *New Herrington | 29 | 156 | 150 | 164 | 100 | 1493 | 314 | 190 | 15 |
| *Ryhope | 11 | 69 | 63 | 74 | 42 | 720 | 128 | 110 | 14 |
| Seaham Harbour | 21 | 167 | 141 | 117 | 89 | 1760 | 225 | 143 | 4 |
| Silksworth | 17 | 147 | 123 | 121 | 81 | 1733 | 432 | 214 | 23 |
| *South Hylton | 29 | 29 | 37 | 38 | — | 428 | 85 | 65 | 11 |
| Washington | 118 | 207 | 184 | 112 | 467 | 1779 | 226 | 119 | 10 |
| Whitburn | 95 | 106 | 91 | 84 | 559 | 1487 | 301 | 195 | 11 |
| | 479 | 1317 | 1197 | 1058 | 2116 | 13778 | 2423 | 1602 | 7 |
| Area No. 6. | | | | | | | | | |
| Crook | 87 | 164 | 109 | 208 | 411 | 1315 | 246 | 511 | 16 |
| *Stanhope | 1 | 18 | 31 | 59 | 23 | 235 | 147 | 158 | 9 |
| *Tow Law | 6 | 33 | 38 | 66 | 23 | 309 | 127 | 154 | 13 |
| *Willington | 9 | 64 | 65 | 93 | 31 | 867 | 145 | 146 | 12 |
| *Wolsington | 23 | 23 | 23 | 50 | — | 234 | 96 | 117 | 10 |
| Wooley Terrace | — | 18 | 15 | 44 | — | 126 | 48 | 73 | 11 |
| | 102 | 320 | 281 | 520 | 465 | 3086 | 809 | 1159 | 8 |
| Area No. 7. | | | | | | | | | |
| Coxhoe | 17 | 79 | 81 | 93 | 85 | 726 | 140 | 150 | 3 |
| Durham | 38 | 100 | 104 | 148 | 170 | 1299 | 409 | 353 | 5 |
| Esh Winning | 82 | 93 | 82 | 117 | 290 | 698 | 144 | 199 | 7 |
| Kepler Crescent | 24 | 127 | 130 | 130 | 150 | 1359 | 338 | 333 | 6 |
| Meadowfield | 59 | 73 | 96 | 77 | 295 | 809 | 119 | 83 | 17 |
| *Sherburn Hill | 2 | 36 | 40 | 48 | 8 | 342 | 68 | 75 | 12 |
| | 222 | 508 | 524 | 613 | 998 | 5233 | 1309 | 1193 | 5 |
| Area No. 8. | | | | | | | | | |
| *Barnard Castle | — | 56 | 26 | 19 | — | 398 | 46 | 17 | 17 |
| *Butterknowle | 3 | 19 | 16 | 13 | 9 | 156 | 53 | 18 | 7 |
| *Cockfield | 7 | 30 | 24 | 19 | 39 | 292 | 59 | 32 | 9 |
| *Middleton-in-Feesdale | 1 | 22 | 18 | 18 | 5 | 213 | 48 | 24 | 9 |
| *Standrop | 1 | 17 | 18 | 21 | 4 | 170 | 27 | 48 | 7 |
| *Stanton Camp | 18 | 16 | 16 | 2 | — | 108 | 11 | — | 5 |
| | 12 | 162 | 118 | 92 | 57 | 1337 | 244 | 139 | 9 |
| Area No. 9. | | | | | | | | | |
| *Bishop Auckland | 36 | 127 | 134 | 162 | 204 | 1477 | 317 | 319 | 5 |
| *Close House | 6 | 33 | 42 | 83 | 21 | 425 | 127 | 157 | 10 |
| *Coundon | 10 | 55 | 38 | 50 | 55 | 470 | 84 | 58 | 10 |
| Shildon | 16 | 92 | 91 | 70 | 59 | 1107 | 169 | 84 | 3 |
| Spennumoor | 29 | 119 | 129 | 100 | 133 | 1468 | 306 | 153 | 6 |
| *West Auckland | 11 | 62 | 46 | 70 | 41 | 518 | 123 | 142 | 10 |
| Witton Park | 32 | 40 | 31 | 36 | 136 | 370 | 55 | 87 | 16 |
| | 140 | 528 | 511 | 571 | 649 | 5835 | 1181 | 1000 | 5 |
| Area No. 10. | | | | | | | | | |
| Billingham | 18 | 60 | 46 | 50 | 92 | 445 | 95 | 117 | 2 |
| Cowpen Lane | 69 | 306 | 256 | 184 | 373 | 3287 | 554 | 403 | 7 |
| Queensway | 44 | 56 | 67 | 25 | 228 | 664 | 79 | 35 | 28 |
| Chilton | 87 | 148 | 136 | 236 | 444 | 1572 | 281 | 359 | 27 |
| *Ferryhill | 11 | 34 | 34 | 53 | 56 | 402 | 81 | 60 | 10 |
| *Hartlepool | 18 | 63 | 59 | 15 | 40 | 672 | 100 | 21 | 14 |
| Frederick Street | 26 | 104 | 74 | 16 | 64 | 875 | 71 | 26 | 17 |
| West View | 4 | 43 | 39 | 39 | 7 | 340 | 75 | 84 | 7 |
| *Haverton Hill | 23 | 37 | 23 | 23 | — | 313 | 139 | 104 | 13 |
| Middleton-St.-George | 18 | 288 | 235 | 197 | 83 | 3246 | 413 | 331 | 27 |
| Newton Aycliffe | 7 | 19 | 13 | 17 | 39 | 238 | 77 | 48 | 12 |
| *Sedgefield | 70 | 86 | 79 | 113 | 294 | 741 | 111 | 148 | 15 |
| Trimdon Grange | 372 | 1230 | 1075 | 978 | 1720 | 12795 | 2076 | 1736 | 6 |
| Easington R.D. | | | | | | | | | |
| *Blackhall | — | 82 | 75 | 110 | — | 822 | 124 | 179 | 31 |
| *Easington | 9 | 92 | 87 | 120 | 29 | 1041 | 140 | 235 | 24 |
| *Horden | 29 | 111 | 102 | 163 | 1 | 1434 | 331 | 413 | 26 |
| Murton | 24 | 244 | 223 | 199 | 133 | 1177 | 278 | 489 | 7 |
| Peterlee | 24 | 244 | 223 | 199 | 71 | 2305 | 429 | 351 | 8 |
| Shotton | 46 | 70 | 86 | 92 | 158 | 646 | 153 | 142 | 9 |
| South Hetton | 39 | 43 | 58 | 71 | 161 | 521 | 139 | 109 | 12 |
| *Thornley | 7 | 66 | 58 | 45 | — | 524 | 82 | 78 | 26 |
| *Wheatley Hill | 1 | 46 | 47 | 44 | 38 | 379 | 68 | 78 | 25 |
| *Wingate | 1 | 66 | 49 | 56 | 7 | 398 | 111 | 70 | 1 |
| | 155 | 945 | 887 | 1150 | 598 | 9247 | 1855 | 2144 | 3 |
| Stockton M.B. | | | | | | | | | |
| Browns Bridge | 113 | 68 | 110 | — | — | 1590 | 223 | 377 | 48 |
| Eastbourne Hall | 82 | 39 | 69 | — | — | 909 | 111 | 259 | 30 |
| Hartburn | 162 | 114 | 114 | — | — | 2745 | 312 | 419 | 10 |
| Norton Green | 240 | 135 | 159 | — | — | 3698 | 688 | 596 | 63 |
| Norton Road | 17 | 139 | 69 | 80 | 185 | 1548 | 171 | 281 | 4 |
| Roseworth Estate | — | 180 | 77 | 66 | — | 1970 | 188 | 167 | 61 |
| St. Anne's Terr., Portrack | — | 65 | 30 | 83 | — | 1025 | 126 | 310 | 32 |
| Woodlands, Yarm Lane | 293 | 192 | 253 | — | — | 4396 | 1028 | 1261 | 77 |
| | 17 | 1274 | 724 | 934 | 185 | 17882 | 2847 | 3670 | 4 |
| TOTALS | | | | | | | | | |
| | 2596 | 9222 | 8150 | 9703 | 11762 | 103898 | 19647 | 19207 | 6 |

*—C.W.C. primarily, but Ante-Natals seen where necessary.

†—closed 27.10.61.

TABLE 5.

POST-NATAL CLINICS.—No. on Books and Attendances, 1961.

| Area No. 1. | | No. on Register | Attendances |
|-------------------------|--|-----------------|-------------|
| Blaydon and Winlaton .. | | 9 | 11 |
| Area No. 2. | | | |
| Felling .. | | 15 | 15 |
| Hebburn .. | | 23 | 30 |
| Jarrow—Walter Street .. | | 12 | 20 |
| | | 50 | 65 |
| Area No. 3. | | | |
| Consett .. | | — | — |
| East Stanley .. | | 2 | 2 |
| | | 2 | 2 |
| Area No. 4. | | | |
| Birtley .. | | 4 | 4 |
| Chester-le-Street .. | | 27 | 45 |
| | | 31 | 49 |
| Area No. 5. | | | |
| Hetton .. | | 5 | 5 |
| Houghton-le-Spring .. | | 3 | 4 |
| Seaham .. | | 3 | 3 |
| Washington .. | | 16 | 17 |
| | | 27 | 29 |
| Area No. 7. | | | |
| Coxhoe .. | | 4 | 4 |
| Durham .. | | 61 | 180 |
| | | 65 | 184 |
| Area No. 9. | | | |
| Bishop Auckland .. | | 29 | 42 |
| Spennymoor .. | | 2 | 3 |
| | | 31 | 45 |
| Area No. 10. | | | |
| Billingham .. | | 21 | 25 |
| Easington R.D. | | | |
| Murton .. | | 8 | 7 |
| TOTALS | | 244 | 417 |

TABLE 6.

BIRTH CONTROL CLINICS.—No. on Books and Attendances, 1961.

| | <i>No. on Register</i> | <i>Attend- ances</i> | | <i>No. on Register</i> | <i>Attend- ances</i> |
|---------------------------|----------------------------|--------------------------|-----------------------|----------------------------|--------------------------|
| <i>Area No. 1.</i> | | | <i>Area No. 7.</i> | | |
| Blaydon and Winlaton .. | 95 | 205 | Coxhoe .. | 29 | 70 |
| <i>Area No. 2.</i> | | | Durham .. | 87 | 228 |
| Felling .. | 65 | 101 | | 116 | 298 |
| Jarrow (Walter Street) .. | 103 | 219 | <i>Area No. 9.</i> | | |
| | 168 | 320 | Bishop Auckland .. | 105 | 247 |
| <i>Area No. 3.</i> | | | Spennymoor .. | 35 | 82 |
| Consett .. | 221 | 554 | | 140 | 329 |
| East Stanley .. | 172 | 454 | <i>Area No. 10.</i> | | |
| | 393 | 1,008 | Billingham .. | 4 | 6 |
| <i>Area No. 4.</i> | | | | | |
| Birtley .. | 76 | 185 | <i>Easington R.D.</i> | | |
| Chester-le-Street .. | 153 | 380 | Easington .. | 112 | 159 |
| | 229 | 565 | Murton .. | 27 | 36 |
| <i>Area No. 5.</i> | | | | 139 | 195 |
| Hetton .. | 4 | 5 | | | |
| Houghton-le-Spring .. | 25 | 39 | | | |
| Seaham .. | 71 | 169 | TOTALS | 1,418 | 3,198 |
| Washington .. | 34 | 59 | | | |
| | 134 | 272 | | | |

DENTAL TREATMENT.

Dental treatment for expectant and nursing mothers and young children was available at the following centres.—

| | | | |
|--------------------|----|----|-------------------------|
| Billingham | .. | .. | one session monthly |
| Birtley | .. | .. | do. |
| Bishop Auckland | .. | .. | do. |
| Blaydon | .. | .. | as required |
| Consett | .. | .. | one session weekly |
| Crook | .. | .. | one session monthly |
| Durham | .. | .. | do. |
| Felling | .. | .. | one session fortnightly |
| Hartlepool | .. | .. | one session monthly |
| Hebburn | .. | .. | one session weekly |
| Houghton-le-Spring | .. | .. | do. |
| Jarrow | .. | .. | one session monthly |
| Peterlee | .. | .. | do. |
| Seaham | .. | .. | do. |
| Stanley | .. | .. | as required |
| Stockton | .. | .. | do. |
| Wingate | .. | .. | do. |

During this year the charge for dentures obtained from private practitioners was lifted so that all expectant and nursing mothers and pre-school children can now be dentally treated without charge either at our clinics or at a private practitioner.

In spite of this the number of both mothers and children examined and treated in our clinics has risen. The number of fillings has doubled and the number of extractions decreased which is very satisfactory. This means that the trend is towards conserving teeth.

Two new full time clinics were opened, at Ryton in September and Spennymoor in November, no special sessions have been arranged until the need is assessed, as to how many are necessary.

The details of the treatment carried out are given in Tables 9 and 10.

WELFARE FOODS.

At the end of the year welfare foods were being distributed from 111 centres (78 maternity and child welfare centres and 33 other premises).

Members of voluntary committees at 61 welfare centres continued to accept responsibility for both the distribution and clerical work in connection with the scheme.

The following statement shows the amounts issued during the year together with comparative figures for 1960.

| | 1960 | 1961 |
|-------------------------------|---------|---------|
| National dried milk (tins) .. | 265,427 | 198,319 |
| Orange juice (bottles) .. | 415,654 | 198,843 |
| Cod liver oil (bottles) .. | 68,488 | 39,004 |
| Vitamin tablets (packets) .. | 35,764 | 20,905 |

DOMICILIARY MIDWIFERY.

The following numbers of midwives gave notice of intention to practice in the administrative county during the year.—

| | | | | | |
|------------------------------|----|----|----|----|-----------------|
| District midwives | .. | .. | .. | .. | 133 |
| District nurse-midwives | .. | .. | .. | .. | 36 |
| Midwives in hospitals | .. | .. | .. | .. | 87 |
| Midwives in private practice | .. | .. | .. | .. | 6 |
| | | | | | <hr/> 262 <hr/> |

At the end of the year 126 district midwives and 35 nurse-midwives were employed by the County Council against an establishment of 143 and 43 respectively.

Recruitment to the midwifery service remains poor. The number of domiciliary confinements show a reduction over the last year.

The average case-load for the year was 55 deliveries and 21 hospital discharges.

There is a decrease in the number of visits to patients discharged from hospital, this most probably is due to the shortened stage of puerperium from 14 to 9 days.

At the Annual Meeting of Midwives in the Shire Hall, our Speaker was Mr. C. T. Noble of Sunderland, who gave a most interesting talk on 'Phenylketonuria.'

30 district midwives attended Post Graduate Courses.

18 pupil midwives received instruction in domiciliary midwifery from 10 Teaching Midwives. 17 were successful in the examination.

A further Part II Midwifery Training School has been established in conjunction with Bishop Auckland Maternity Hospital, commencing in March, the pupils receiving their district training in the Spennymoor and Shildon area under the tuition of 3 approved teaching midwives.

Group meetings amongst the staff continue with satisfactory results.

TABLE 11.

| | Doctor not booked | | Doctor booked | | Totals | Discharges from hospital before 10th day |
|--|----------------------------|--------------------------------|----------------------------|--------------------------------|--------|--|
| | Doctor present at delivery | Doctor not present at delivery | Doctor present at delivery | Doctor not present at delivery | | |
| District Midwives and Nurse-Midwives | 25 | 453 | 1,532 | 5,686 | 7,696 | 2,560 |
| Midwives in Private Practice | — | — | 9 | 83 | 92 | — |
| TOTAL .. | 25 | 453 | 1,541 | 5,769 | 7,788 | 2,560 |

| CENTRE | NO. ON BOOKS FROM 1.1.61 | ATTEND-ANCES | AVERAGE ATTEND-ANCE PER SESSION | NO. OF SESSIONS HELD |
|--|---------------------------------|---------------------------------------|---------------------------------|----------------------------------|
| <i>Area No. 1.</i> Blaydon .. Dunston .. | 93 28 | 1,376 424 | 14 6 | 100 73 |
| <i>Area No. 2.</i> Felling .. Hebburn .. Jarrow .. | 121 51 49 90 190 | 1,800 616 498 839 1,953 | 10 7 5 9 7 | 173 86 93 97 276 |
| <i>Area No. 3.</i> Annfield Plain .. Consett .. East Stanley .. | 14 9 20 43 | 161 110 238 509 | 2 2 3 2 | 74 72 76 222 |
| <i>Area No. 4.</i> Birtley .. Chester-le-Street .. | 41 41 82 | 415 618 1,033 | 4 8 6 | 94 73 167 |
| <i>Area No. 5.</i> Boldon .. Hetton .. Houghton-le-Spring .. Seaham Harbour .. Silksworth .. Washington .. | 8 41 45 38 31 59 | 31 432 584 551 416 676 | 1 5 7 7 5 8 | 53 81 85 76 76 81 |
| TOTALS | 222 | 2,690 | 6 | 452 |

* Commenced 1.5.1961.

| CLINIC | Expectant and Nursing Mothers | | | | Children under Five | | | |
|----------------------------|-------------------------------|-------------------|---------|-------------------|---------------------|-------------------|---------|-------------------|
| | Examined | Needing treatment | Treated | Made dentally fit | Examined | Needing treatment | Treated | Made dentally fit |
| Billingham | 6 | 6 | 5 | 5 | 15 | 16 | 16 | 14 |
| Birtley | 9 | 8 | 9 | 4 | 13 | 11 | 10 | 7 |
| Bishop Auckland | 4 | 4 | 4 | 2 | 1 | — | — | — |
| *Blaydon | 14 | 10 | 10 | 3 | 77 | 53 | 50 | 55 |
| Consett | 7 | 7 | 7 | 4 | 10 | 10 | 8 | 7 |
| Crook | 7 | 3 | 3 | 1 | 25 | 21 | 16 | 9 |
| Durham | 7 | 7 | 7 | 2 | 20 | 17 | 13 | 2 |
| Felling | 36 | 36 | 34 | 2 | 3 | 3 | 3 | 2 |
| Hartlepool | 8 | 8 | 8 | 2 | 13 | 12 | 10 | 6 |
| Hebburn | 178 | 176 | 211 | 44 | 21 | 20 | 20 | 11 |
| Houghton-le-Spring | 7 | 5 | 8 | 2 | 1 | 1 | — | — |
| Jarrow | 32 | 31 | 40 | 9 | 6 | 6 | 6 | 4 |
| Peterlee | 13 | 13 | 12 | 6 | 27 | 20 | 20 | 17 |
| Seaham | — | — | — | — | — | — | — | — |
| *Stanley | 6 | 6 | 6 | 5 | 9 | 9 | 9 | 8 |
| *Stockton | 2 | 2 | 2 | 2 | 12 | 12 | 11 | 9 |
| *Wingate | 13 | 10 | 10 | 10 | 28 | 16 | 16 | 16 |
| TOTALS .. | 349 | 332 | 366 | 103 | 281 | 227 | 208 | 167 |

* No regular sessions—occasional treatment only.

TABLE 10.
ADMINISTRATIVE COUNTY OF DURHAM, 1961—DENTAL CLINICS.
Forms of dental treatment provided.

| CLINIC | Expectant and Nursing Mothers. | | | | | | | | | Children under Five | | | | | | | | |
|-----------------------|--------------------------------|----------|--------------------------|------------------|-------------|----------------------|---------------------|------------------------|--------------|----------------------------|----------|--------------------------|------------------|-------------|----------------------|---------------------|------------------------|--------------|
| | Scalings and Gum Treatment | Fillings | Silver Nitrate Treatment | Crowns or Inlays | Extractions | General Anaesthetics | Dentures Provided | | Radio-graphs | Scalings and Gum Treatment | Fillings | Silver Nitrate Treatment | Crowns or Inlays | Extractions | General Anaesthetics | Dentures Provided | | Radio-graphs |
| | | | | | | | Full Upper or Lower | Partial Upper or Lower | | | | | | | | Full Upper or Lower | Partial Upper or Lower | |
| Billingham | 2 | — | — | — | 47 | 4 | 5 | 4 | — | 1 | — | 3 | — | 28 | — | — | — | — |
| Birtley | — | 4 | — | — | 48 | 4 | 4 | 5 | — | 1 | 7 | — | — | 11 | — | — | — | — |
| Bishop Auckland .. | 1 | — | — | — | — | — | 2 | — | — | — | — | — | — | — | — | — | — | — |
| *Blaydon | 3 | 7 | — | — | 39 | — | 4 | — | — | 2 | 72 | 20 | — | 19 | — | — | — | — |
| Consett | — | 10 | 2 | — | 15 | 3 | — | — | — | — | 10 | 2 | — | 15 | 3 | — | — | — |
| Crook | — | — | — | — | 10 | 1 | — | 2 | — | 1 | 14 | — | — | 20 | 6 | — | — | — |
| Durham | 1 | 14 | — | — | 21 | 1 | — | — | — | — | — | 2 | — | 10 | 4 | — | — | — |
| Felling.. .. | — | — | — | — | 100 | — | 20 | — | — | — | 7 | — | — | 2 | — | — | — | — |
| Hartlepool | 2 | 2 | — | — | 6 | — | 2 | — | — | — | — | 8 | — | 7 | — | — | — | — |
| Hebburn | 63 | 105 | 2 | 26 | 87 | 4 | 4 | 6 | — | — | 7 | 19 | — | 12 | 6 | — | — | — |
| Houghton-le-Spring .. | — | — | — | — | 21 | 1 | — | — | — | — | — | — | — | — | — | 3 | 1 | — |
| Jarrow.. .. | 5 | 15 | — | — | 16 | 5 | 2 | 3 | — | — | 6 | 1 | — | 22 | 2 | — | — | — |
| Peterlee | 5 | — | — | — | 47 | 5 | 2 | — | — | — | 7 | 10 | — | 13 | 6 | — | — | — |
| Seaham | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| *Stanley | 1 | 13 | — | — | 5 | — | 2 | — | — | — | 2 | 3 | — | 5 | 2 | — | — | — |
| *Stockton | 2 | 2 | — | — | — | — | — | 1 | — | 2 | 2 | — | — | 21 | 6 | — | — | — |
| *Wingate | 4 | — | — | — | 4 | 2 | — | 2 | 3 | — | — | — | — | — | — | — | — | — |
| TOTALS | 89 | 172 | 4 | 26 | 466 | 30 | 47 | 23 | 3 | 7 | 134 | 68 | — | 185 | 35 | 3 | 1 | — |

*No regular sessions—occasional treatment only.

The midwives requisitioned medical help on *1,781 occasions, and the following statement gives particulars as to the reasons for so doing.—

| | | | | |
|-----|--|----|----|-----|
| 1. | Ante-natal examination—general | .. | .. | 62 |
| 2. | Ante-natal examination—albuminuria | .. | .. | 138 |
| 3. | Miscarriage | .. | .. | 24 |
| 4. | Threatened miscarriage | .. | .. | 34 |
| 5. | Ante-partum haemorrhage | .. | .. | 86 |
| 6. | Post-partum haemorrhage | .. | .. | 67 |
| 7. | Placenta praevia | .. | .. | 7 |
| 8. | Retained or adherent placenta or membranes | .. | .. | 44 |
| 9. | Contracted pelvis, disproportion between child and pelvic outlet | .. | .. | 4 |
| 10. | Malpresentation | .. | .. | 78 |
| 11. | Prolonged or delayed labour, uterine inertia | .. | .. | 218 |
| 12. | Mammary inflammation, varicose veins, cardiac weakness, weakness during puerperium, etc... | .. | .. | 29 |
| 13. | Stillbirth | .. | .. | 14 |
| 14. | Ruptured perineum | .. | .. | 547 |
| 15. | Premature birth | .. | .. | 85 |
| 16. | Rise in temperature | .. | .. | 41 |
| 17. | Feebleness of child. Illness of child | .. | .. | 95 |
| 18. | Phimosis, tongue tie, suspicious eruptions on skin of baby, and umbilical conditions | .. | .. | 6 |
| 19. | Marked congenital malformation | .. | .. | 12 |
| 20. | Inflammation of child's eyes | .. | .. | 24 |
| 21. | Condition of mother ill-defined | .. | .. | 20 |
| 22. | Condition of baby ill-defined | .. | .. | 8 |
| 23. | Midwife in attendance at another case | .. | .. | 11 |
| 24. | Death of baby | .. | .. | 1 |
| 25. | Other conditions | .. | .. | 84 |

In addition to the notifications of sending for medical help, the following notifications were received from midwives.—

| | | | | | | |
|---------------------------------------|----|----|----|----|----|----|
| Stillbirths | .. | .. | .. | .. | .. | 80 |
| Death of mother | .. | .. | .. | .. | .. | 2 |
| Death of child | .. | .. | .. | .. | .. | 90 |
| Laying out the dead | .. | .. | .. | .. | .. | 17 |
| Liability to be a source of infection | .. | .. | .. | .. | .. | 40 |

* Includes 42 occasions in Stockton M.B. from time of delegation for which particulars are not available.

With regard to the 41 cases in which medical help was requisitioned on account of rise of temperature, six were subsequently notified as puerperal pyrexia. None of these received in-patient hospital treatment.

Of the 24 cases of inflammation of the eyes, one was notified as ophthalmia neonatorum.

Maternity outfits are available free of charge for all domiciliary confinements and the number issued during the year was 8,796.

Table 12 gives details of the administration of inhalational analgesics.

TABLE 12.

| | Number of domiciliary midwives practising in the area at end of year who were qualified to administer inhalational analgesics in accordance with the requirements of the Central Midwives Board | Number of sets of apparatus for the administration of inhalational analgesics in use at end of year | | Number of cases in which inhalational analgesics were administered by midwives in domiciliary practice during the year :— | | | | Number of cases in which pethidine was administered by midwives in domiciliary practice during the year :— | | | |
|---|---|---|------------|---|------------|--|------------|--|------------|--|------------|
| | | | | When doctor was present at time of delivery of child | | When doctor was not present at time of delivery of child | | When doctor was present at time of delivery of child | | When doctor was not present at time of delivery of child | |
| | | Gas and air | “Tri-lene” | Gas and air | “Tri-lene” | Gas and air | “Tri-lene” | Gas and air | “Tri-lene” | Gas and air | “Tri-lene” |
| District Midwives and Nurse Midwives .. | 157 | 157 | — | 790 | 251 | 3,937 | 2 | 857 | 3,161 | | |
| Midwives in Private Practice .. | 1 | 1 | — | — | — | 50 | — | 5 | 17 | | |
| TOTAL .. | 158 | 158 | — | 790 | 251 | 3,987 | 2 | 862 | 3,178 | | |

TABLE 10.
ADMINISTRATIVE COUNTY OF DURHAM, 1961—DENTAL CLINICS.
Forms of dental treatment provided.

| CLINIC | Expectant and Nursing Mothers. | | | | | | | | | Children under Five | | | | | | | | |
|-----------------------|--------------------------------|----------|--------------------------|------------------|-------------|----------------------|---------------------|------------------------|--------------|----------------------------|----------|--------------------------|------------------|-------------|----------------------|---------------------|------------------------|--------------|
| | Scalings and Gum Treatment | Fillings | Silver Nitrate Treatment | Crowns or Inlays | Extractions | General Anaesthetics | Dentures Provided | | Radio-graphs | Scalings and Gum Treatment | Fillings | Silver Nitrate Treatment | Crowns or Inlays | Extractions | General Anaesthetics | Dentures Provided | | Radio-graphs |
| | | | | | | | Full Upper or Lower | Partial Upper or Lower | | | | | | | | Full Upper or Lower | Partial Upper or Lower | |
| Billingham | 2 | — | — | — | 47 | 4 | 5 | 4 | — | 1 | — | 3 | — | 28 | — | — | — | — |
| Barley | — | 4 | — | — | 48 | 4 | 4 | 5 | — | 1 | 7 | — | — | 11 | — | — | — | — |
| Bishop Auckland .. | 1 | — | — | — | — | — | 2 | — | — | — | — | — | — | — | — | — | — | — |
| *Blaydon | 3 | 7 | — | — | 39 | — | 4 | — | — | 2 | 72 | 20 | — | 19 | — | — | — | — |
| Consett | — | 10 | 2 | — | 15 | 3 | — | — | — | — | 10 | 2 | — | 15 | 3 | — | — | — |
| Crook | — | — | — | — | 10 | 1 | — | 2 | — | 1 | 14 | — | — | 20 | 6 | — | — | — |
| Durham | 1 | 14 | — | — | 21 | 1 | — | — | — | — | — | 2 | — | 10 | 4 | — | — | — |
| Felling.. .. | — | — | — | — | 100 | — | 20 | — | — | — | 7 | — | — | 2 | — | — | — | — |
| Hartlepool | 2 | 2 | — | — | 6 | — | 2 | — | — | — | — | 8 | — | 7 | — | — | — | — |
| Hebburn | 63 | 105 | 2 | 26 | 87 | 4 | 4 | 6 | — | — | 7 | 19 | — | 12 | 6 | — | — | — |
| Houghton-le-Spring .. | — | — | — | — | 21 | 1 | — | — | — | — | — | — | — | — | — | 3 | 1 | — |
| Jarrow.. .. | 5 | 15 | — | — | 16 | 5 | 2 | 3 | — | — | 6 | 1 | — | 22 | 2 | — | — | — |
| Peterlee | 5 | — | — | — | 47 | 5 | 2 | — | — | — | 7 | 10 | — | 13 | 6 | — | — | — |
| Seaham | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| *Stanley | 1 | 13 | — | — | 5 | — | 2 | — | — | — | 2 | 3 | — | 5 | 2 | — | — | — |
| *Stockton | 2 | 2 | — | — | — | — | — | 1 | — | 2 | 2 | — | — | 21 | 6 | — | — | — |
| *Wingate | 4 | — | — | — | 4 | 2 | — | 2 | 3 | — | — | — | — | — | — | — | — | — |
| TOTALS | 89 | 172 | 4 | 26 | 466 | 30 | 47 | 23 | 3 | 7 | 134 | 68 | — | 185 | 35 | 3 | 1 | — |

*No regular sessions—occasional treatment only.

PREMATURITY.

Care of Premature Infants.—Equipment for the home nursing of premature infants, including lined “Sorrento” cots, with mattress, blankets, sheets, hot water bottles, gamgee outfits and “Belcroy” feeders is kept centrally, and is available at short notice to any midwife who requires it. The midwife attends the premature baby very frequently for as long as is necessary.

There are no special hospital units for premature infants but if institutional treatment is considered desirable the general practitioner arranges admission to a paediatric unit. A “moses” basket is provided for transit. Table 13 gives details of premature births during 1961.

MATERNAL MORTALITY.

Table 14 gives the maternal mortality rate in the administrative county during the past ten years.—

TABLE 14.

ADMINISTRATIVE COUNTY OF DURHAM.—Maternal Mortality—
1952-1961.

| Year | Births Regis- tered (Live and Still) | Deaths from Puer- peral Sepsis | Rate Per 1,000 births regis- tered | Deaths from other accidents and diseases of pregnancy and parturition. | Rate per 1,000 births regis- tered | Total Maternal Mortality Rate per 1,000 births registered |
|------|---|--|---|--|---|--|
| 1952 | 15,984 | 3 | 0.19 | 14 | 0.88 | 1.06 |
| 1953 | 16,457 | — | — | 15 | 0.91 | 0.91 |
| 1954 | 16,138 | 1 | 0.06 | 13 | 0.81 | 0.87 |
| 1955 | 16,128 | 1 | 0.06 | 7 | 0.43 | 0.50 |
| 1956 | 16,842 | — | — | 22 | 1.31 | 1.31 |
| 1957 | 17,506 | — | — | 11 | 0.63 | 0.63 |
| 1958 | 17,827 | — | — | 12 | 0.67 | 0.67 |
| 1959 | 17,384 | — | — | 10 | 0.58 | 0.58 |
| 1960 | 18,045 | — | — | 8 | 0.44 | 0.44 |
| 1961 | 17,806 | — | — | 7 | 0.39 | 0.39 |

The Registrar General has allocated to the administrative county for 1961, five deaths under heading No. 30—Pregnancy, childbirth, abortion (see Table D), which gives a maternal mortality rate of 0.28 per 1,000 live and stillbirths.

Enquiries have, however, been made into seven deaths from maternal causes, for the purpose of completing report forms for the Ministry of Health, and this figure has been used for the calculation of the maternal mortality rate of 0.39 for the administrative county.

The following is an analysis of some features of these seven deaths, 1960 figures being given for comparison.

| Ages— | | | 1960 | 1961 |
|-------|----------|-------|------|------|
| | Under 20 | | — | 1 |
| | 20-29 | | 3 | 2 |
| | 30-39 | | 5 | 2 |
| | 40-45 | | — | 2 |

| Parity— | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---------|---|---|---|---|---|---|---|---|
| 1960 | 2 | — | 1 | 3 | 2 | — | — | — |
| 1961 | — | 4 | — | — | 1 | 1 | — | 1 |

| Ante-Natal Care | 1960 | 1961 |
|--------------------------------------|------|------|
| None | 2 | 1 |
| General Practitioner and Midwife | 2 | 1 |
| Hospital and General Practitioner .. | 2 | 1 |
| Attended L.H.A. Clinic and hospital | 1 | 1 |
| Attended hospital | 1 | 3 |

Health during ante-natal period.

| | | |
|------------------------------|---|---|
| Good | 4 | 2 |
| Moderate | 2 | 2 |
| Pre-existing disease | 1 | 2 |
| Not known | 1 | 1 |

Causes of death.

| | | |
|---------------------------------|---|---|
| Toxaemia of pregnancy | 4 | 1 |
| Abortion | — | — |
| Abortion with sepsis | 1 | — |
| Pulmonary embolism | 3 | 1 |
| Cerebral thrombosis | — | — |
| Post partum haemorrhage | — | 3 |
| Peritonitis | — | — |
| Anaesthesia | — | 2 |

Results.

| | | |
|--------------------------------|----|---|
| Full-time live births | 1 | 4 |
| Premature live-births | 3* | 1 |
| Premature still-births | 1 | — |
| Full-time still-births | 2 | 2 |
| Abortion | 1 | — |
| Undelivered | 1 | — |

* Includes 1 set of twins.

HOME NURSING.

At the end of the year 118 whole-time district nurses were employed and two part-time district nurses. There were also 33 district nurse-midwives who spent approximately half their time on home nursing duties, the establishment being 121 and 43 respectively.

Good liaison with hospitals and general practitioners continues. With regard to the care of young children in their own homes the case-load has never been very high, but over the past five years a considerable decrease in the number of cases and visits is seen, the case-load being now almost half of five years ago. The bulk of the nursing care required is for injection therapy.

The number of cases and visits to patients aged 65 years and over is slightly reduced.

Visits to Tuberculosis patients continues to remain fairly even and I would mention that the greater number of these patients are those who normally would have been hospital patients but now can be cared for at home and receive injection treatment.

Infectious diseases and maternal complication cases both remain very low. The overall pattern shows a reduction in the total number of patients on the books during the year and a corresponding reduction in the visits paid.

At the end of the year 63 nurses and 24 nurse-midwives were authorised car users, one nurse had an allowance for her auto-cycle and three had bicycle allowances.

PUERPERAL PYREXIA.

During the year there were 101 confirmed cases of puerperal pyrexia, compared with 49 cases in 1960. No deaths were registered from puerperal sepsis.

According to information received 89 cases had in-patient treatment.

OPHTHALMIA NEONATORUM.

There was one case of ophthalmia neonatorum notified. Vision was unimpaired after treatment at home.

The health visitors make careful enquiries into all cases of inflammation of the eyes of newly-born children, and during the year, in addition to the one case notified as ophthalmia neonatorum, they reported *160 such cases to which they paid 358 home visits. In all cases vision was unimpaired, 139 after treatment by own doctor and 21 without special treatment.

**Information in respect of Stockton M.B. not available from time of Delegation.*

HEALTH VISITING.

Health Visitors have continued to be used economically and effectively as health teachers and family advisers responsible for social investigation, research work and the interpretation of the services available for the family.

ADMINISTRATIVE COUNTY OF DURHAM—HOME NURSING—1960-1961.

TABLE 15.

| Year | Staff | | General Medical | | General Surgical | | Infectious Diseases | | Tuberculosis | | Maternal Complications | | Others | | Total | |
|------|------------|-----------|-----------------|---------|------------------|---------|---------------------|--------|--------------|--------|------------------------|--------|--------|--------|--------|---------|
| | Whole-time | Part-time | Cases | Visits | Cases | Visits | Cases | Visits | Cases | Visits | Cases | Visits | Cases | Visits | Cases | Visits |
| 1960 | 119 | 39 | 11,737 | 312,348 | 5,335 | 105,273 | 54 | 329 | 508 | 29,686 | 77 | 797 | — | 10,979 | 17,711 | 459,412 |
| 1961 | 118 | 35 | 11,332 | 305,359 | 4,584 | 89,738 | 28 | 244 | 568 | 33,764 | 71 | 840 | — | 8,019 | 16,583 | 437,964 |

| Year | Patients included in above Table who were 65 or over at the time of the first visit during the year. | | | | | | | | | | | | | | Patients included in above Table who were under 5 at the time of the first visit during the year. | | Patients included in above Table who have had more than 24 visits during the year. | |
|------|--|--|---------|--|-------|--|--------|--|-------|--|--------|--|-------|--|---|--|--|--|
| | Cases | | Visits | | Cases | | Visits | | Cases | | Visits | | Cases | | Visits | | Cases | |
| 1960 | 7,522 | | 253,027 | | 1,273 | | 9,661 | | 4,264 | | | | 4,264 | | 300,600 | | | |
| 1961 | 7,435 | | 253,143 | | 1,031 | | 8,219 | | 4,189 | | | | 4,189 | | 292,730 | | | |

The care of mothers and young children continues to be a basic duty and home visiting provides the opportunity for quiet consultation giving rise to discussion on normality and abnormality as revealed in behaviour problems.

Close co-operation has continued with Moral Welfare Workers in pre-natal, post-natal and after care of the unmarried mother, and also in cases of adoption.

Health Visitors carried out a good deal of social first aid on the spot and intensive work was done to prevent the break up of families.

Health Visitors have continued to undertake special investigations regarding ascertainment in infants of phenylketonuria, deafness and squint, of all children thought to be at risk and in all cases of baby deaths, especially those due to prematurity, bronchitis and pneumonia, and accident.

Good liaison has continued with Paediatricians especially in the care of premature babies and in the follow up of children discharged from hospital.

A good deal of assistance has been given in programmes for Poliomyelitis Vaccination and Diphtheria Immunisation.

Health Visitors were active participants in the preventive services. Concept of care in the community which has transferred some of the burdens hitherto carried out by hospital to the home, has provided the health visitor with greater opportunities to aid in the promotion of mental health, in the care of the aged, whose numbers and morbidity continue to increase, and in the care and after care of the sick of all ages discharged from hospital.

Good work has been done in conjunction with hospital almoners in the care of patients of all ages discharged from hospital where social and environmental conditions were investigated, treatments supervised and rehabilitation fostered. This liaison especially with geriatric units has increased enormously. The co-operation with General Practitioners has improved in this respect and contact has been made in many instances regarding general health.

Health Visitors have visited and advised families in cases of tuberculosis, special attention being paid to the follow up of contacts. Heaf Testing and assisting with B.C.G. Vaccination as well as consultation with the chest physician has continued, and the link between Chest Clinic and the home has been maintained. Liaison with the Domestic Help Organiser continues. Cases have been investigated and advice given on the prevention of the spread of infection in tuberculosis families which have been assisted.

Health Visitors have maintained their responsibility for the home visiting of the mentally disordered and have followed up defects both physical and mental.

The health visitors primary function as health teacher and health educator has had growing scope in individual teaching, group teaching and discussion in the home, in the clinic and with various clubs and professional groups.

Health Visitors' Training School.—Six of the eight students in training were successful in obtaining the Health Visitors' Certificate at the first attempt, while the remaining two students were successful at the second.

Summary of Work done by Health Visitors.—The work of the health visitors during the year is summarised in Table 16.

Discharges from Hospitals.—In some cases Health Visitors receive copies of case notes forwarded to the General Practitioner in the case of children under 5 years of age on discharge from Hospital from the Paediatrician or Doctor in charge. The Health Visitor visits the home, gives any advice necessary and attaches the case notes to her record card for the child in question. Further visits are paid as required. These notes are found to be of great benefit to the Health Visitor in her supervision of the child at home.

In cases other than the above lists of routine discharges from Hospitals for children under 5 years of age, including Infectious Diseases Hospitals, Accident Units, General Hospitals and Paediatric Units are received in this office. These lists give date of admission and discharge, type of illness or accident, but no further case history. The information is forwarded to the Health Visitor who visits and forwards a report to office, further visits are paid if necessary.

There is a special arrangement with Paediatric Units in regard to premature infants. Health Visitors are asked to investigate the home conditions before the discharge, and most Units telephone information giving details of weight, feeding and special care, either the day before or on the day of discharge. Health Visitors are informed and visit immediately carrying out more frequent supervision than is usual with babies who are not premature.

Children considered to be "At Risk" especially in regard to the prevention of deafness are notified by the Health Visitor and in conjunction with the General Practitioner, arrangements are made for specialist attention with possible admission to Hospital, these babies are followed-up carefully on discharge. This also applies to babies investigated in respect of Phenylketonuria.

Admissions and discharges of long stay Geriatric cases are notified by the Geriatric Units and by Hospitals having Geriatric patients. The Health Visitor is given this information and pays a first investigating visit, continuing to visit according to patients need and forwarding reports to office in respect of any Welfare Services of social need, for example, "Meals on Wheels," Domestic Help, aids for the handicapped, and also puts the patients in touch with any Agency likely to be of assistance. Lists are also received from Hospitals in respect of accidents to the aged and all accidents are investigated as to cause.

Lists are also received from Hospitals dealing with conditions of the eye in respect of the aged. The Health Visitor visits in the same way giving necessary advice and aid.

Chest Clinic Returns are received for all patients suffering from Tuberculosis, discharges from the Chest Hospitals are notified and the Health Visitor is informed. Health Visitors supervise all cases of Tuberculosis.

TABLE 16.

DOMICILIARY VISITS.

Maternity and Child Welfare.—

| | | | | | | |
|-------------------------|--------------|----|----|----|----|---------|
| Ante-Natal First visits | .. | .. | .. | .. | .. | 5,827 |
| Revisits | .. | .. | .. | .. | .. | 2,463 |
| Births First visits | .. | .. | .. | .. | .. | 17,461 |
| Revisits to children | under 1 year | .. | .. | .. | .. | 51,089 |
| „ „ „ | 1—2 years | .. | .. | .. | .. | 40,260 |
| „ „ „ | 2—3 „ | .. | .. | .. | .. | 38,351 |
| „ „ „ | 3—4 „ | .. | .. | .. | .. | 35,950 |
| „ „ „ | 4—5 „ | .. | .. | .. | .. | 36,920 |
| „ „ „ | 5—6 „ | .. | .. | .. | .. | 97 |
| Other visits | .. | .. | .. | .. | .. | 4,747 |
| Total | .. | .. | .. | .. | .. | 232,625 |

Tuberculosis.—

| | | | | | | |
|--------------|----|----|----|----|----|--------|
| First visits | .. | .. | .. | .. | .. | 614 |
| Revisits | .. | .. | .. | .. | .. | 13,988 |
| Other visits | .. | .. | .. | .. | .. | 1,087 |
| Total | .. | .. | .. | .. | .. | 15,689 |

School Work.—

| | | | | | | |
|-------------------------------|----|----|----|----|----|--------|
| School Children (Home visits) | .. | .. | .. | .. | .. | 13,172 |
| do. (School visits) | .. | .. | .. | .. | .. | 1,262 |
| Total | .. | .. | .. | .. | .. | 14,436 |

General Health.—

| | | | | | | |
|--------|----|----|----|----|----|-------|
| Visits | .. | .. | .. | .. | .. | 2,676 |
|--------|----|----|----|----|----|-------|

Mental Deficiency.—

| | | | | | |
|---|----|----|----|----|-------|
| Visits paid to mentally subnormal persons | .. | .. | .. | .. | 7,597 |
|---|----|----|----|----|-------|

Aged People.—

| | | | | | | |
|--------|----|----|----|----|----|-------|
| Visits | .. | .. | .. | .. | .. | 7,859 |
|--------|----|----|----|----|----|-------|

Summary.—

| | | | | | | |
|---|----|----|----|----|----|---------|
| Ineffective visits | .. | .. | .. | .. | .. | 36,684 |
| Total number of visits | .. | .. | .. | .. | .. | 317,564 |
| Number of effective visits | .. | .. | .. | .. | .. | 280,880 |
| Time (as days) spent on visits (routine, other and ineffective) | .. | .. | .. | .. | .. | 14,277 |
| Average daily number of effective visits per health visitor | .. | .. | .. | .. | .. | 20 |

Clinic, Etc., Work.—

Time (as days) spent.—

| | | | | | |
|---|----|----|----|----|-------|
| (a) at maternity and child welfare centres | .. | .. | .. | .. | 6,700 |
| (b) at chest clinics and contact sessions | .. | .. | .. | .. | 1,168 |
| (c) at school head to head inspections | .. | .. | .. | .. | 667 |
| (d) at school clinics | .. | .. | .. | .. | 115 |
| (e) conducting children to special schools | .. | .. | .. | .. | 158 |
| (f) assisting with school medical inspections | .. | .. | .. | .. | 345 |
| (g) at nursery schools | .. | .. | .. | .. | 56 |

Cases reported to district Medical Officers of Health.—

| | | | | | | |
|------------------|----|----|----|----|----|----|
| Overcrowding | .. | .. | .. | .. | .. | 24 |
| Sanitary defects | .. | .. | .. | .. | .. | 42 |

Many letters are received from Almoners attached to all the Hospitals in the Administrative County and in the neighbouring Authorities regarding Hospital patients either prior to, or on discharge giving special histories and any recommendations for the patients care in the community. Health Visitors are given this information initially and investigate conditions, later visiting according to the patients' needs. Most of these visits are for social aid including personal hygiene or personal problems among the family unit, as well as the implementing of all available Welfare Services and also includes visits for social enquiries into some cases discharged from Psychiatric Hospitals.

The work done by the Health Visitor for patients discharged from Hospital into community care is increasing, is very satisfying to the Health Visitor, and would appear to be beneficial to those discharged.

Health Visitor and General Practitioner.—A pilot scheme was started near the end of the year with one General Practitioner. A Health Visitor attends for one session weekly at his surgery. In the beginning her duties consisted mainly in discussing patients attending the surgery but this has developed considerably. At present the Health Visitor has a room of her own in the surgery, scales have been bought for weighing purposes, ante-natal facilities provided and Health Education is undertaken by the Health Visitor. Cases are referred from the Doctor's ante-natal clinic to a relaxation session held by the same Health Visitor in another part of the city.

Mothers attending the Doctor's Baby Clinic with feeding problems are referred to the Health Visitor and cases are brought to her notice for home visiting and social advice by the Physician. Problems of the aged and infirm are discussed and assessed and the Health Visitor is able to get in touch with Local Authority Services and Voluntary Agencies regarding such things as Meals on Wheels, Domestic Help, aids for the Handicapped and Convalescent holidays. It is envisaged that these services will be offered to other Medical Practitioners who request it.

VACCINATION AND IMMUNISATION.

Smallpox, Diphtheria and Whooping Cough.—Propaganda leaflets drawing attention to the need for children to be protected against smallpox, whooping cough and diphtheria are sent to parents by post when their children attain the age of three months. Further propaganda regarding immunisation against diphtheria is despatched when children are one year old and again at four years nine months. All such propaganda gives details of the facilities available for vaccination and immunisation.

Details in respect of all children vaccinated and immunised are supplied to health visitors to enable them to visit and advise in respect of those children not so protected, while the assistant welfare medical officers give smallpox advice at the child welfare centres.

The vaccinations and immunisations are carried out by the general practitioners at their surgeries and the assistant welfare medical officers at the welfare centres.

Diphtheria immunisation schemes were undertaken at schools in the Consett Urban District during April, May and June, and in the Billingham Urban District during February, April, May, June and July.

TABLE 13.

PREMATURE BIRTHS—1961.

(This table includes live births and still-births of 5½ lbs. or less at birth. Births in an ambulance or in the street are listed under the place to which the case was immediately transferred.)

1. NUMBER OF PREMATURE LIVE BIRTHS NOTIFIED (AS ADJUSTED BY TRANSFERRED NOTIFICATIONS).

| | |
|---------------------------------------|--------------|
| (a) In hospital | 920 |
| (b) At home | 335 |
| *(c) In private nursing homes | 2 |
| TOTAL | 1,257 |

2. NUMBER OF PREMATURE STILL-BIRTHS NOTIFIED (AS ADJUSTED BY TRANSFERRED NOTIFICATIONS).

| | |
|---------------------------------------|------------|
| (a) In hospital | 191 |
| (b) At home | 40 |
| *(c) In private nursing homes | 1 |
| TOTAL | 232 |

* "Private Nursing Homes" includes nursing homes and maternity hospitals and homes not in the National Health Service and Mother and Baby Homes where women are confined in the Home

| Weight at Birth | PREMATURE LIVE BIRTHS | | | | | | | | | | | | | | | PREMATURE STILL-BIRTHS | | |
|---|-----------------------|------------------------------|------------------|--|------------------------------|------------------|--|------------------------------|------------------|--|------------------------------|------------------|--|------------------------------|------------------|------------------------|--------------|----------------------|
| | † Born in Hospital | | | Born at Home and nursed entirely at home | | | Born at Home and transferred to Hospital on or before 28th day | | | Born in Nursing Home and nursed entirely there | | | Born in Nursing Home and transferred to Hospital on or before 28th day | | | Born in Hospital | Born at Home | Born in Nursing Home |
| | Total | Died within 24 hrs. of birth | Survived 28 days | Total | Died within 24 hrs. of birth | Survived 28 days | Total | Died within 24 hrs. of birth | Survived 28 days | Total | Died within 24 hrs. of birth | Survived 28 days | Total | Died within 24 hrs. of birth | Survived 28 days | | | |
| 3 lbs. 4 ozs. or less (1,500 gms. or less) .. | 141 | 71 | 47 | 14 | 11 | 3 | 21 | 5 | 11 | — | — | — | — | — | — | 98 | 18 | 1 |
| Over 3 lbs. 4 ozs. up to and including 4 lbs. 6 ozs. (1,500-2,000 gms.) .. | 194 | 25 | 159 | 15 | 4 | 10 | 25 | 2 | 21 | — | — | — | — | — | — | 49 | 10 | — |
| Over 4 lbs. 6 ozs. up to and including 4 lbs. 15 ozs. (2,000-2,250 gms.) .. | 213 | 8 | 200 | 51 | 1 | 49 | 12 | — | 9 | 1 | — | 1 | — | — | — | 20 | 5 | — |
| Over 4 lbs. 15 ozs. up to and including 5 lbs. 8 ozs. (2,250-2,500 gms.) .. | 372 | 4 | 355 | 178 | — | 167 | 19 | 4 | 12 | 1 | — | 1 | — | — | — | 24 | 7 | — |
| TOTALS | 920 | 108 | 761 | 258 | 16 | 229 | 77 | 11 | 53 | 2 | — | 2 | — | — | — | 191 | 40 | 1 |

† The group under this heading includes cases born in one hospital and transferred to another.



| District. | Live Births Registered. | | Number of children who had completed a full course of immunisation at any time up to 31st December, 1961. | | Records received during the year of full courses of primary immunisation. | | | Records received during the year of reinforcing injections. |
|---------------------------|-------------------------|--------|---|--------|---|-------|--------|---|
| | 1960 | 1961 | Under 5 | 5-15 | Under 5 | 5-15 | Total | |
| <i>Area No. 1.</i> | | | | | | | | 0-15 |
| Blydon U.D. | 530 | 531 | 1,446 | 3,321 | 449 | 41 | 490 | 211 |
| Ryton U.D. | 221 | 189 | 661 | 1,609 | 210 | 11 | 221 | 111 |
| Whickham U.D. | 397 | 454 | 1,470 | 2,802 | 369 | 40 | 409 | 207 |
| <i>Area No. 2.</i> | | | | | | | | |
| Jarrow M.B. | 577 | 557 | 1,237 | 3,833 | 384 | 54 | 438 | 174 |
| Felling U.D. | 710 | 754 | 1,890 | 3,082 | 644 | 46 | 690 | 235 |
| Hebburn U.D. | 545 | 522 | 1,307 | 3,032 | 405 | 57 | 462 | 183 |
| <i>Area No. 3.</i> | | | | | | | | |
| Consett U.D. | 649 | 692 | 1,895 | 5,101 | 576 | 836 | 1,412 | 1,665 |
| Stanley U.D. | 760 | 728 | 2,266 | 5,924 | 604 | 699 | 1,303 | 1,236 |
| Lanchester R.D. | 223 | 245 | 582 | 1,620 | 165 | 24 | 189 | 88 |
| <i>Area No. 4.</i> | | | | | | | | |
| Chester-le-Street U.D. | 294 | 289 | 845 | 1,974 | 264 | 36 | 300 | 127 |
| Chester-le-Street R.D. | 676 | 687 | 1,576 | 4,261 | 480 | 51 | 531 | 208 |
| <i>Area No. 5.</i> | | | | | | | | |
| Boldon U.D. | 429 | 442 | 954 | 1,690 | 348 | 26 | 374 | 111 |
| Hetton U.D. | 326 | 272 | 505 | 1,388 | 147 | 21 | 168 | 36 |
| Houghton-le-Spring U.D. | 582 | 565 | 1,351 | 2,731 | 435 | 68 | 503 | 124 |
| Seaham U.D. | 495 | 485 | 981 | 2,754 | 334 | 69 | 403 | 92 |
| Washington U.D. | 368 | 368 | 927 | 2,012 | 279 | 31 | 310 | 65 |
| Sunderland R.D. | 572 | 497 | 1,136 | 2,497 | 344 | 30 | 374 | 128 |
| <i>Area No. 6.</i> | | | | | | | | |
| Crook & Willington U.D. | 391 | 383 | 847 | 2,063 | 255 | 40 | 295 | 141 |
| Tow Law U.D. | 52 | 47 | 116 | 337 | 40 | 19 | 59 | 20 |
| Weardale R.D. | 111 | 120 | 427 | 893 | 108 | 22 | 130 | 58 |
| <i>Area No. 7.</i> | | | | | | | | |
| Durham M.B. | 310 | 289 | 749 | 1,846 | 220 | 41 | 261 | 136 |
| Brandon & Byshtotles U.D. | 395 | 355 | 992 | 2,097 | 274 | 54 | 328 | 102 |
| Durham R.D. | 643 | 645 | 1,516 | 2,929 | 503 | 64 | 567 | 233 |
| <i>Area No. 8.</i> | | | | | | | | |
| Barnard Castle U.D. | 99 | 85 | 230 | 469 | 65 | 7 | 72 | 34 |
| Barnard Castle R.D. | 300 | 243 | 797 | 1,972 | 210 | 72 | 282 | 81 |
| <i>Area No. 9.</i> | | | | | | | | |
| Bishop Auckland U.D. | 650 | 626 | 1,401 | 3,180 | 429 | 92 | 521 | 179 |
| Shildon U.D. | 210 | 261 | 595 | 1,113 | 171 | 20 | 191 | 65 |
| Spennymoor U.D. | 336 | 329 | 622 | 1,981 | 207 | 23 | 230 | 27 |
| <i>Area No. 10.</i> | | | | | | | | |
| Hartlepool M.B. | 394 | 320 | 812 | 2,185 | 216 | 30 | 246 | 41 |
| Billingham U.D. | 762 | 743 | 2,301 | 4,926 | 519 | 165 | 684 | 1,442 |
| Darlington R.D. | 531 | 526 | 1,398 | 1,945 | 390 | 54 | 444 | 199 |
| Sedgefield R.D. | 570 | 552 | 1,364 | 3,023 | 445 | 85 | 530 | 149 |
| Stockton R.D. | 144 | 191 | 353 | 753 | 106 | 34 | 140 | 80 |
| <i>Easington R.D.</i> | 1,707 | 1,689 | 4,351 | 8,127 | 1,375 | 139 | 1,514 | 378 |
| <i>Stockton M.B.</i> | 1,663 | 1,730 | 3,493 | 9,446 | 1,007 | 361 | 1,368 | 982 |
| Administrative County | 17,622 | 17,411 | 43,393 | 98,916 | 12,977 | 3,462 | 16,439 | 9,348 |

The number of children in the county immunised up to 31st December, expressed as a proportion of the mid-1961 child population was : 0 - 5 years, 52% and 5 - 15 years, 63.6%

TABLE 20.

ADMINISTRATIVE COUNTY OF DURHAM.

— Poliomyelitis Vaccination, 1961.

| District | Number of Persons vaccinated with two injections. | | | | | Number of persons who received third injections during the year | Number of persons who received fourth injections during the year | Number of applicants awaiting first injection at 31.12.61. | | | | |
|--|---|---|--|---|--------|---|--|--|---|--|---|-------|
| | Children born in the years 1943-1961 | Young persons born in the years 1933-1942 | Persons born before 1933 who have not passed their 40th birthday | Others Aged 40 or over and persons whose age is unknown | TOTAL | | | Children born in the years 1943-1961 | Young persons born in the years 1933-1942 | Persons born before 1933 who have not passed their 40th Birthday | Others aged 40 or over and persons whose age is unknown | TOTAL |
| 1. Blaydon U.D. } Ryton U.D. } Whickham U.D. } | 1,196 | 263 | 654 | 46 | 2,159 | 3,614 | 1,126 | 190 | 7 | 1 | — | 198 |
| 2. Jarrow M.B. } Felling U.D. } Hebburn U.D. } | 2,175 | 739 | 1,062 | 35 | 4,011 | 4,468 | 2,832 | 14 | 31 | — | — | 45 |
| 3. Consett U.D. } Stanley U.D. } Lanchester R.D. } | 2,612 | 524 | 928 | 184 | 4,248 | 2,240 | 4,755 | 166 | 21 | 8 | 12 | 207 |
| 4. Chester-le-Street U.D. .. } Chester-le-Street R.D. .. } | 953 | 422 | 454 | 16 | 1,845 | 1,424 | 2,527 | 3 | — | 3 | — | 6 |
| 5. Boldon U.D. } Hetton U.D. } Houghton-le-Spring U.D. .. } Seaham U.D. } Washington U.D. } Sunderland R.D. } | 2,505 | 795 | 1,150 | 76 | 4,526 | 4,445 | 5,024 | 8 | 3 | 1 | — | 12 |
| 6. Crook & Willington U.D. ... } Tow Law U.D. } Weardale R.D. } | 1,065 | 308 | 318 | 23 | 1,714 | 1,091 | 1,325 | — | — | — | — | — |
| 7. Durham M.B. } Brandon & Byshottles U.D. .. } Durham R.D. } | 1,648 | 565 | 1,068 | 224 | 3,505 | 2,248 | 4,585 | 1 | — | — | — | 1 |
| 8. Barnard Castle U.D. } Barnard Castle R.D. } | 495 | 137 | 318 | 25 | 975 | 765 | 1,002 | 2 | — | — | — | 2 |
| 9. Bishop Auckland U.D. } Shildon U.D. } | 1,419 | 417 | 770 | 105 | 2,711 | 2,262 | 2,945 | 11 | — | — | — | 11 |
| 10. Hartlepool M.B. } Billingham U.D. } Darlington R.D. } Sedgefield R.D. } Stockton R.D. } | 2,651 | 963 | 1,426 | 76 | 5,116 | 4,472 | 5,697 | 38 | 20 | 7 | — | 65 |
| Easington R.D. | 1,601 | 424 | 741 | 27 | 2,793 | 2,439 | 3,961 | — | — | — | — | — |
| Stockton M.B. | 2,043 | 418 | 842 | 24 | 3,327 | 2,399 | 342 | 320 | 54 | 65 | 1 | 440 |
| ADMINISTRATIVE COUNTY .. | 20,363 | 5,975 | 9,731 | 861 | 36,930 | 31,867 | 36,121 | 753 | 136 | 85 | 13 | 987 |

TABLE 19.

ADMINISTRATIVE COUNTY OF DURHAM.—WHOOPING COUGH
IMMUNISATION, 1961.

Number of children who had completed a primary course (normally 3 injections) of Pertussis vaccine (singly or in combinations) for which records were received during the year.

| District. | Under 1 | 1 to 4 | 5 to 14 | Total. |
|------------------------------|---------|--------|---------|--------|
| <i>Area No. 1.</i> | | | | |
| Blaydon U.D. | 137 | 311 | 24 | 472 |
| Ryton U.D. | 55 | 153 | 10 | 218 |
| Whickham U.D. | 157 | 211 | 23 | 391 |
| <i>Area No. 2.</i> | | | | |
| Jarrow M.B. | 75 | 306 | 45 | 426 |
| Felling U.D. | 175 | 465 | 36 | 676 |
| Hebburn U.D. | 71 | 319 | 35 | 425 |
| <i>Area No. 3.</i> | | | | |
| Consett U.D. | 192 | 375 | 37 | 604 |
| Stanley U.D. | 221 | 376 | 33 | 630 |
| Lanchester R.D. | 48 | 117 | 11 | 176 |
| <i>Area No. 4.</i> | | | | |
| Chester-le-Street U.D. | 70 | 188 | 19 | 277 |
| Chester-le-Street R.D. | 123 | 345 | 33 | 501 |
| <i>Area No. 5.</i> | | | | |
| Boldon U.D. | 68 | 269 | 26 | 363 |
| Hetton U.D. | 35 | 113 | 20 | 168 |
| Houghton-le-Spring U.D. | 106 | 324 | 53 | 483 |
| Seaham U.D. | 61 | 210 | 21 | 292 |
| Washington U.D. | 57 | 225 | 23 | 305 |
| Sunderland R.D. | 68 | 257 | 44 | 369 |
| <i>Area No. 6.</i> | | | | |
| Crook U.D. | 43 | 187 | 30 | 260 |
| Tow Law U.D. | 9 | 28 | 9 | 46 |
| Weardale R.D. | 28 | 76 | 14 | 118 |
| <i>Area No. 7.</i> | | | | |
| Durham M.B. | 50 | 165 | 33 | 248 |
| Brandon U.D. | 64 | 200 | 54 | 318 |
| Durham R.D. | 130 | 372 | 61 | 563 |
| <i>Area No. 8.</i> | | | | |
| Barnard Castle U.D. | 26 | 39 | 7 | 72 |
| Barnard Castle R.D. | 63 | 146 | 24 | 233 |
| <i>Area No. 9.</i> | | | | |
| Bishop Auckland U.D. | 137 | 284 | 63 | 484 |
| Sildon U.D. | 60 | 110 | 12 | 182 |
| Spennymoor U.D. | 62 | 144 | 24 | 230 |
| <i>Area No. 10.</i> | | | | |
| Hartlepool M.B. | 31 | 178 | 11 | 220 |
| Billingham U.D. | 160 | 356 | 7 | 523 |
| Darlington R.D. | 94 | 294 | 43 | 431 |
| Sedgefield R.D. | 153 | 286 | 71 | 510 |
| Stockton R.D. | 25 | 81 | 9 | 115 |
| <i>Easington R.D.</i> | 337 | 712 | 70 | 1,119 |
| <i>Stockton M.B.</i> | 241 | 574 | 33 | 848 |
| ADMINISTRATIVE COUNTY | 3,432 | 8,797 | 1,068 | 13,297 |

Tables 17, 18 and 19 give details of the numbers vaccinated and immunised in the county.

Poliomyelitis Vaccination.—Vaccination against poliomyelitis was continued during the year and was extended to include the offer of a reinforcing fourth dose to children when they enter school (normally at the age of five) ; and also children of five and over already at school who have not reached the age of twelve.

At the end of the year 264,628 cases had received two injections ; of these 213,077 had received their third injections, 36,121 had received fourth injections and 987 were awaiting vaccination.

Table 20 gives details of poliomyelitis vaccinations carried out during the year.

AMBULANCE SERVICE.

The routine operation of the Service continued satisfactorily throughout the year.

Twenty-eight new conventional ambulances and one light sitting-case vehicle were provided as replacements in the ambulance fleet during the year, and an order was placed for the supply of a further fourteen conventional ambulances and eight light sitting-case vehicles.

Negotiations were entered into for the building of a new depot at Bishop Auckland and for securing a site for a new out-station at Middleton-in-Teesdale. Pending the completion of building a new out-station at Barnard Castle temporary garage accommodation was found for the ambulance, previously housed at South Cleatlam. Work on the installation of a vehicle lift and partition was completed at the Stanley depot, and minor improvements were effected at other depots during the year.

An adjustment was made in the operational function of the New Herrington depot by transferring one of the ambulances scheduled for emergency duties to the Wheatley Hill depot, thus enabling the general service cover provided by the New Herrington depot to be improved.

Casual labour was again recruited to provide temporary driver-attendants during the holiday period of the permanent driving staff, and arrangements were put in hand for the peace time personnel to undertake training in Civil Defence measures.

A satisfactory liaison was maintained throughout the year with trades union representatives regarding staff remuneration, working conditions and amenities generally, including the negotiating of a reduction in the working week from 44 to 42 hours and the payment of wages one week in arrear in order to bring the ambulance driving staff into line with other weekly paid employees of the County Council

TABLE 21.

| Year | No. of Journeys made | No. of Patients carried | | | Total Mileage covered |
|----------------------|----------------------|-------------------------|---------------|---------|-----------------------|
| | | Stretcher cases | Sitting cases | Total | |
| 1960 | 89,368 | 52,608 | 266,756 | 319,364 | 2,284,635 |
| 1961 | 88,588 | 54,201 | 282,818 | 337,019 | 2,318,275 |
| Increase or decrease | —780 | +1,593 | +16,062 | +17,655 | +33,640 |

Long Distance Journeys.—The following is a statement of long distance journeys undertaken during the year.—

| | |
|-------------------------|----------------------|
| Buckinghamshire 2 | London 1 |
| Cumberland 23 | Northumberland .. 4 |
| Derbyshire 1 | Nottinghamshire .. 4 |
| Essex 3 | Oxford 1 |
| Hertfordshire 1 | Warwickshire .. 2 |
| Lancashire 5 | Yorkshire 55 |
| Leicestershire 2 | Scotland 1 |

Totals : Journeys — 105
Mileage — 23,094

Of 275 drivers entered for the National Safe Driving Competition for 1961, organised by the Royal Society for the Prevention of Accidents, 250 qualified to receive an award.

ORGANISATION.—

| | |
|-----------------------------------|------------------------------|
| Headquarters control .. 1 | Headquarters staff .. 16 |
| Agent controls .. 2 | Headquarters control staff : |
| Message receiving centres .. 4 | Supervisors .. 4 |
| Ambulance depots : | Control room assistants .. 6 |
| 24-hour service .. 11 | Telephonists .. 3 |
| 12-hour service .. 7 | Radio operator .. 1 |
| 18 | 14 |
| Ambulances 90 | Depot telephonists .. 4 |
| Light sitting case vehicles .. 12 | Liaison officers .. 3 |
| Cars 2 | Depot superintendents .. 14 |
| Breakdown vehicle .. 1 | Senior drivers .. 32 |
| | Driver-attendants .. 240 |
| | Mechanics 4 |

(a) *Controls*.—For operational purposes, the drivers and vehicles are grouped in 17 unit areas, and these areas are further grouped into five message receiving centre areas and two agent-control areas (for details of grouping see Table 22).

The message receiving centres are in direct telephone communication with the central control, their functions being to receive calls for ambulance transport and, after notifying headquarters control of the details, to act on the instructions of the duty supervisor. The message receiving centres, the agent-controls, Hartlepool, New Herrington and Wheatley Hill depots and the three out-stations maintain a regular 24-hour cover to deal with emergencies, and also provide vehicles for general service duties, while the remaining seven depots provide vehicles to deal with general service duties from 8 a.m. to 8 p.m. on weekdays and 8 a.m. to 4 p.m. on Saturdays.

(b) *Depots*.—The number of depots in the scheme is 18, comprising seven main depots, seven day depots, one small coastal depot, and three rural out-stations covering Weardale and Teesdale.

(c) *Vehicles*.—At the end of 1960 there were 80 ambulances, 14 light sitting-case vehicles and two cars. The corresponding numbers at the end of 1961 were 90 ambulances, 12 light sitting-case vehicles and two cars, the increase in the fleet being accounted for as follows.—

| | <i>Ambulances Conven- tional</i> | <i>Light Sitting-case vehicles</i> | <i>Cars</i> |
|---|--|--|-------------|
| Number of vehicles at beginning of year | 80 | 14 | 2 |
| Unserviceable and withdrawn during the year | 18 | 3 | |
| New vehicles | 28 | 1 | |
| Number of vehicles at end of year | 90 | 12 | 2 |

During the year 90 vehicles required major repairs and 538 minor repairs.

(d) *Staff*.—

(i) *Headquarters*.—There were no changes in the number of staff at headquarters during the year.

(ii) *Controls*.—The central control is manned continuously by a supervisor and staff of control room assistants (all males) working on a shift system. At four of the message receiving centres a male telephonist is employed on a day shift, the driving staff manning the telephone for the balance of each 24 hours.

(iii) *Driver-attendants*.—The total number of depot staff employed in the service at the end of the year was 286 (including 14 depot superintendents and 32 senior drivers), a decrease of four on the number for 1960.

(iv) *Mechanics*.—Four mechanics are employed and operate at repair units located at Crook, Durham, Stanley and Wheatley Hill.

Details of the work done in the unit areas is shewn in Table 23 and Table 24 records work done by the service since inception.

TABLE 22.

ADMINISTRATIVE COUNTY OF DURHAM DETAILS OF MESSAGE RECEIVING CENTRES AND UNIT AREAS, 1961.

| M.R.C. No. | Address of Message Receiving Centre | Unit Area No. | Districts served. | Telephone Number. |
|------------|--|----------------|---|----------------------------|
| 1 | Ambulance Station, Ushaw Road, HEBBURN. | 1 5 | <i>East Tyneside:</i> Jarrow M.B. ; Hebburn U.D. ; Felling U.D. <i>North Eastern:</i> Washington U.D. ; Boldon U.D. ; Sunderland R.D. (that part lying north of the River Wear). | HEBBURN 832157. |
| 3 | Ambulance Station, East Street, STANLEY. | 2 3 4 | <i>West Tyneside:</i> Whickham U.D. ; Blaydon U.D. ; Ryton U.D. <i>Stanley:</i> Stanley U.D. <i>Consett:</i> Consett U.D. ; Lanchester R.D. (the Civil parishes of Muggleswick and Healeyfield) ; Weardale R.D. (the Civil parishes of Hunstanworth and Edmondbyers). Also the township of Blanchland and the parts of Shotley Bridge in Northumberland. | STANLEY 570. |
| 8 | † Ambulance Station, Byron Street, WHEATLEY HILL. | 6 7 8 | <i>Houghton:</i> Hetton U.D. ; Houghton-le-Spring U.D. ; Sunderland R.D. (that part lying south of the River Wear) ; Durham R.D. (the Civil parish of Rainton). <i>Seaham:</i> Seaham U.D. ; Easington R.D. (the Civil parishes of Burdon, Cold Hesledon, Dalton-le-Dale, East Murton, Seaton-with-Slingley, and Warden Law). <i>Easington:</i> Easington R.D. (the Civil parishes of Castle Eden, Easington, Haswell, Hawthorn, Horden, Hutton Henry, Monk Hesledon, Nesbitt, Peterlee, Sheraton-with-Hulam, Shotton, Thomley and Wingate). | DURHAM 3426. |
| 9 | * Ambulance Station, Elwick Road, WEST HARTLEPOOL. | 9 | <i>Hartlepool:</i> Hartlepool M.B. ; Stockton R.D. (the Civil parishes of Brierton, Claxton, Dalton Piercy, Elwick, Elwick Hall, Greatham, Hart, Newton Bewley and Seaton). | HARTLEPOOLS 2011. |
| 11 | Ambulance Station, Grangefield Road, STOCKTON-ON-TEES. | 11 | <i>Stockton:</i> Stockton M.B. ; Billingham U.D. ; Stockton R.D. (the Civil parishes of Aislaby, Carlton, Egglecliffe, Elton, Grindon, Longnewton, Newsham, Norton, Preston-on-Tees, Redmarshall, and Whitton). | STOCKTON 67410. |
| 12 | * Ambulance Station, Borough Road, DARLINGTON. | 12 | <i>Darlington:</i> Darlington R.D. | DARLINGTON 3333. |
| 14 | Ambulance Station, South Church Road, BISHOP AUCKLAND. | 13 14 17 | <i>Barnard Castle:</i> Barnard Castle U.D. ; Barnard Castle R.D. (excluding the Civil parishes of Bolam, Etherley, Evenwood-and-Barony, Hamsterley, and South Bedburn). <i>Bishop Auckland:</i> Bishop Auckland U.D. ; Shildon U.D. ; Spennymoor U.D. ; Barnard Castle R.D. (the Civil parishes of Bolam, Etherley, Evenwood-and-Barony, Hamsterley and South Bedburn). <i>Western:</i> Crook and Willington U.D. ; Tow Law U.D. ; Weardale R.D. (excluding the Civil parishes of Hunstanworth and Edmondbyers in No. 4 Unit Area). | BISHOP AUCKLAND 810. |
| 16 | Ambulance Headquarters, Framwellgate Moor, DURHAM. | 10 15 16 | <i>Sedgefield:</i> Sedgefield R.D. <i>Chester-le-Street:</i> Chester-le-Street U.D. ; Chester-le-Street R.D. <i>Durham:</i> Durham M.B. ; Brandon U.D. ; Durham R.D. (excluding the Civil parish of Rainton in No. 6 Unit Area) ; Lanchester R.D. (excluding the Civil parishes of Muggleswick and Healeyfield in No. 4 Unit Area). | DURHAM 3426. |

* Agent Control.

† 24-hour depot, message receiving function undertaken by Headquarters Control.

TABLE 23.

ADMINISTRATIVE COUNTY OF DURHAM.—SUMMARY OF AMBULANCE WORK done during the period 1st JANUARY to 31st DECEMBER, 1961.

| UNIT AREA | Authorised establishment of men and vehicles | | | Actual Numbers employed on 31st December, 1961. | | | No. of Journeys. | GENERAL. | | | | | | | | | | | | | | EMERGENCY. | | | | | | | | | | | | | | Grand total of cases | | Petrol used (galls.) | Derv used (galls.) | Mileage | | | | |
|--------------------------|--|-------|--------------|---|----------------------|--------------|------------------|-------------------------|----------------------------|-----|---------------------|----|---------------------|------|---------------------------------------|-------|---------------------------|------|--------|-------|--------------------|----------------------------|------|------------------|--------------------|------|-----------------|-----|-------------------------------|------|-----------------------|------------------|---------------------|-----|---------|----------------------|-----|----------------------|--------------------|---------|--------|---------|--------|---------|
| | Ambulances. | Cars. | Depot Staff. | Ambulances. | Light S.C. Vehicles. | Depot Staff. | | Admissions to Hospital. | Infectious Diseases Cases. | | Tuberculosis Cases. | | Hospital Transfers. | | Hospital Out-Patient Treatment Cases. | | Discharges from Hospital. | | Totals | | General Hospitals. | Infectious Diseases Cases. | | Maternity Cases. | Accidents at Home. | | Road Accidents. | | Accidents at Sports Meetings. | | Industrial Accidents. | | Hospital Transfers. | | Totals. | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| S. | C. | S. | C. | S. | C. | S. | C. | S. | C. | S. | C. | S. | C. | S. | C. | S. | C. | S. | C. | S. | C. | S. | C. | S. | C. | S. | C. | S. | C. | S. | C. | Stretcher Cases. | Sitting Cases. | | | | | | | | | | | |
| 1. East Tyneside .. | 8 | 2 | 28 | 8 | 2 | 27 | 8742 | 642 | 538 | 8 | 6 | 1 | 7 | 131 | 201 | 2149 | 25242 | 226 | 1196 | 3157 | 27190 | 1173 | 93 | 20 | 8 | 702 | 75 | 138 | 49 | 266 | 100 | 33 | 9 | 150 | 107 | 184 | 95 | 2666 | 536 | 5823 | 27726 | 8542½ | 1737½ | 172678 |
| 2. West Tyneside .. | 5 | 1 | 10 | 5 | 1 | 10 | 3623 | 341 | 345 | 2 | 5 | — | 2 | 69 | 194 | 841 | 14106 | 225 | 1577 | 1478 | 16229 | 233 | 61 | — | — | 22 | 57 | — | 1 | 25 | 13 | 1 | — | 11 | 5 | 4 | 6 | 296 | 143 | 1774 | 16372 | 6300 | 687 | 99329 |
| 3. Stanley .. | 7 | 2 | 28 | 7 | 1 | 27 | 6864 | 617 | 484 | 2 | — | 2 | 9 | 131 | 175 | 1037 | 13330 | 226 | 2191 | 2015 | 16189 | 2055 | 321 | 4 | 1 | 527 | 315 | 5 | 3 | 152 | 74 | 8 | 2 | 9 | 5 | 60 | 16 | 2820 | 737 | 4835 | 16926 | 10474 | 1004 | 176038 |
| 4. Consett .. | 6 | 1 | 12 | 5 | 1 | 11 | 3670 | 368 | 276 | 2 | — | 15 | 58 | 229 | 332 | 1965 | 12649 | 347 | 2703 | 2926 | 16018 | 249 | 21 | — | — | 26 | 16 | 6 | 6 | 19 | 16 | 8 | 3 | 6 | 1 | 16 | 3 | 330 | 66 | 3256 | 16084 | 7944 | — | 115940 |
| 5. North-Eastern .. | 4 | 1 | 8 | 3 | 1 | 7 | 2164 | 187 | 170 | 3 | 3 | 1 | 1 | 22 | 67 | 303 | 9852 | 149 | 924 | 665 | 11017 | 182 | 44 | — | — | 32 | 31 | 6 | 8 | 24 | 19 | 1 | 1 | 5 | 5 | 3 | 2 | 253 | 110 | 918 | 11127 | 4539 | — | 78126 |
| 6. Houghton .. | 6 | 1 | 24 | 6 | — | 23 | 5350 | 498 | 283 | 3 | 2 | — | — | 63 | 78 | 646 | 16551 | 370 | 1905 | 1580 | 18819 | 1676 | 115 | 10 | 1 | 357 | 233 | 36 | 19 | 128 | 45 | 13 | 8 | 20 | 12 | 34 | 4 | 2274 | 437 | 3854 | 19256 | 9825 | — | 148603 |
| 7. Seaham .. | 4 | 1 | 8 | 4 | — | 8 | 2513 | 243 | 256 | 2 | 1 | 1 | 8 | 80 | 134 | 462 | 12162 | 139 | 1167 | 927 | 13728 | 238 | 61 | 7 | 1 | 22 | 51 | 15 | 4 | 23 | 2 | 1 | 1 | 4 | 2 | 11 | 6 | 321 | 128 | 1248 | 13856 | 4890 | — | 86778 |
| 8. Easington .. | 9 | 1 | 32 | 9 | 2 | 30 | 6811 | 465 | 464 | 2 | 3 | — | — | 106 | 137 | 1001 | 25760 | 252 | 3341 | 1826 | 29705 | 1740 | 298 | 18 | 4 | 236 | 391 | 9 | 11 | 110 | 54 | 9 | 5 | 8 | 4 | 69 | 11 | 2199 | 778 | 4025 | 30483 | 10845½ | 3344½ | 271980 |
| 9. Hartlepool .. | 1 | 1 | 5 | 1 | — | 5 | 2089 | 243 | 117 | — | — | — | — | 77 | 72 | 320 | 4284 | 276 | 2252 | 916 | 6725 | 123 | 17 | — | — | 14 | 105 | 79 | 18 | 48 | 35 | 13 | 5 | 35 | 24 | 39 | 6 | 351 | 210 | 1267 | 6935 | 2118½ | — | 33835 |
| 9a. West Hartlepool .. | — | — | — | — | — | — | 113 | — | — | — | — | — | — | 2 | — | 2 | 13 | 9 | 4 | 13 | 17 | 21 | 5 | — | — | 9 | 3 | 4 | 1 | 15 | 9 | 1 | — | 19 | — | 4 | — | 73 | 18 | 86 | 35 | 70 | — | 1012 |
| 10. Sedgfield .. | 5 | 1 | 10 | 4 | — | 10 | 3813 | 240 | 198 | — | — | — | — | 180 | 170 | 980 | 9983 | 111 | 1756 | 1511 | 12107 | 122 | 16 | — | — | 12 | 41 | 4 | 1 | 12 | 11 | 2 | 2 | 1 | — | 20 | 4 | 173 | 75 | 1684 | 12182 | 4204 | 340½ | 82713 |
| 11. Stockton .. | 9 | 2 | 30 | 7 | 2 | 32 | 9961 | 1523 | 574 | 79 | 86 | — | — | 463 | 261 | 2112 | 19089 | 619 | 4193 | 4796 | 24203 | 1668 | 138 | 87 | 31 | 468 | 227 | 370 | 229 | 246 | 143 | 362 | 174 | 132 | 84 | 120 | 22 | 3453 | 1048 | 8249 | 25251 | 8802 | 2643 | 216492 |
| 12. Darlington .. | 1 | — | 2 | — | — | — | 1253 | 72 | 32 | — | — | — | — | 15 | 5 | 106 | 853 | 16 | 98 | 209 | 988 | 2 | — | — | — | 5 | 9 | 4 | 1 | 77 | 34 | — | — | 8 | — | — | — | 96 | 44 | 305 | 1032 | 904 | — | 12546 |
| 13. Barnard Castle .. | 2 | — | 4 | 2 | — | 4 | 1055 | 84 | 126 | — | — | — | — | 19 | 23 | 146 | 3952 | 68 | 369 | 317 | 4470 | 91 | 4 | — | — | 33 | 16 | 32 | 7 | 31 | 13 | — | — | 1 | — | 1 | 1 | 189 | 41 | 506 | 4511 | 4127 | — | 62835 |
| 14. Bishop Auckland .. | 8 | 2 | 30 | 7 | 1 | 31 | 8678 | 914 | 663 | 13 | 84 | 5 | 45 | 335 | 195 | 1534 | 13949 | 646 | 3746 | 3447 | 18682 | 1787 | 181 | 3 | — | 246 | 638 | 46 | 32 | 154 | 93 | 26 | 21 | 37 | 26 | 52 | 7 | 2351 | 998 | 5798 | 19680 | 12007 | 941 | 213671 |
| 15. Chester-le-Street .. | 6 | 1 | 12 | 5 | — | 12 | 4436 | 332 | 251 | 23 | 8 | 2 | — | 121 | 229 | 1043 | 13097 | 149 | 1266 | 1670 | 14851 | 349 | 42 | 54 | 12 | 35 | 40 | 7 | 9 | 31 | 27 | 3 | 1 | 10 | 5 | 15 | 5 | 504 | 141 | 2174 | 14992 | 5263 | 816 | 97684 |
| 16. Durham .. | 13 | 2 | 40 | 11 | 3½ | 39 | 14491 | 485 | 571 | 12 | 6 | — | 1 | 574 | 775 | 2269 | 25658 | 537 | 4447 | 3877 | 31458 | 2340 | 267 | 34 | 4 | 331 | 347 | 47 | 30 | 221 | 107 | 54 | 14 | 26 | 8 | 143 | 31 | 3196 | 808 | 7073 | 32266 | 17251 | 1089 | 302758 |
| 17. Western .. | 6 | 1 | 10 | 6 | — | 10 | 2962 | 274 | 416 | — | 24 | 2 | 30 | 131 | 195 | 380 | 11676 | 194 | 1686 | 981 | 14027 | 266 | 22 | — | — | 20 | 38 | 13 | 9 | 28 | 7 | — | — | 7 | 1 | 11 | — | 345 | 77 | 1326 | 14104 | 8687 | — | 145239 |
| | 100 | 20 | 293 | 90 | 14 | 286 | 88588 | 7528 | 5764 | 151 | 228 | 29 | 161 | 2748 | 3243 | 17296 | 232206 | 4559 | 34821 | 32311 | 276423 | 14315 | 1706 | 237 | 62 | 3097 | 2633 | 821 | 438 | 1610 | 802 | 535 | 246 | 489 | 289 | 786 | 219 | 21890 | 6395 | 54201 | 282818 | 126793½ | 12602½ | 2318275 |

‡ Includes 2 cars.

* County ambulance reinforced as necessary by adjoining County Borough Service.

† Darlington County Borough Council provides service as required.

"S" Stretcher cases conveyed by ambulances.

"C" Sitting cases conveyed by ambulances and cars.

.. Inclusive of depot superintendents, senior drivers and driver-attendants.

TABLE 24.

ADMINISTRATIVE COUNTY OF DURHAM.—Ambulance Service—Statistics, 1948-61.

| Year | No. of Journeys | OUT-PATIENTS ONLY | | | GENERAL SERVICE† | | | EMERGENCY SERVICE | | | TOTALS ALL CASES | | | Total Mileage | Ambulances | Men |
|-------|-----------------|-------------------|---------------|---------|------------------|---------------|---------|-------------------|---------------|--------|------------------|---------------|---------|---------------|------------|-----|
| | | Stretcher cases | Sitting cases | Total | Stretcher cases | Sitting cases | Total | Stretcher cases | Sitting cases | Total | Stretcher cases | Sitting cases | Total | | | |
| *1948 | 22,989 | 3,280 | 17,846 | 21,126 | 15,259 | 23,762 | 39,021 | 1,277 | — | 1,277 | 16,536 | 23,762 | 40,298 | 552,486 | 72 | 118 |
| 1949 | 61,906 | 7,395 | 63,463 | 70,858 | 29,609 | 84,995 | 114,604 | 2,321 | 1,428 | 3,749 | 31,930 | 86,423 | 118,353 | 1,501,047 | 92 | 248 |
| 1950 | 79,896 | 10,635 | 89,624 | 100,259 | 34,032 | 120,982 | 155,014 | 2,269 | 2,008 | 4,277 | 36,301 | 122,990 | 159,291 | 1,979,681 | 86 | 268 |
| *1951 | 86,429 | 13,697 | 128,320 | 142,017 | 34,833 | 163,807 | 198,640 | 5,737 | 5,635 | 11,372 | 40,570 | 169,442 | 210,012 | 2,129,585 | 99 | 270 |
| *1952 | 90,243 | 19,587 | 199,937 | 219,524 | 35,954 | 239,672 | 275,626 | 11,044 | 6,778 | 17,822 | 46,998 | 246,450 | 293,448 | 2,268,166 | 93 | 271 |
| 1953 | 92,329 | 18,527 | 197,915 | 216,442 | 34,374 | 240,721 | 275,095 | 12,322 | 7,373 | 19,695 | 46,696 | 248,094 | 294,790 | 2,286,856 | 91 | 272 |
| 1954 | 93,135 | 19,267 | 196,621 | 215,888 | 35,221 | 241,757 | 276,978 | 14,357 | 7,277 | 21,634 | 49,578 | 249,034 | 298,612 | 2,253,087 | 100 | 281 |
| 1955 | 90,796 | 18,220 | 208,783 | 227,003 | 33,559 | 254,652 | 288,211 | 15,424 | 7,553 | 22,977 | 48,983 | 262,205 | 311,188 | 2,303,313 | 97 | 272 |
| 1956 | 89,380 | 18,584 | 203,795 | 222,379 | 34,405 | 248,310 | 282,715 | 16,640 | 7,319 | 23,959 | 51,045 | 255,629 | 306,674 | 2,259,284 | 98 | 283 |
| 1957 | 91,504 | 17,691 | 203,104 | 220,795 | 34,781 | 249,720 | 284,501 | 18,071 | 7,480 | 25,551 | 52,852 | 257,200 | 310,052 | 2,269,711 | 91 | 277 |
| 1958 | 89,853 | 17,926 | 200,533 | 218,459 | 34,696 | 247,873 | 282,569 | 17,915 | 6,923 | 24,838 | 52,611 | 254,796 | 307,407 | 2,257,907 | 94 | 290 |
| 1959 | 86,380 | 15,996 | 199,211 | 215,207 | 31,788 | 244,302 | 276,090 | 18,657 | 6,596 | 25,253 | 50,445 | 250,898 | 301,343 | 2,212,705 | 86 | 289 |
| 1960 | 89,368 | 16,401 | 214,301 | 230,702 | 32,036 | 259,967 | 292,003 | 20,572 | 6,789 | 27,361 | 52,608 | 266,756 | 319,364 | 2,284,635 | 80 | 290 |
| 1961 | 88,588 | 17,296 | 232,206 | 249,502 | 32,311 | 276,423 | 308,734 | 21,890 | 6,395 | 28,285 | 54,201 | 282,818 | 337,019 | 2,318,275 | 90 | 286 |

* Half year only.

† Part of the increase in the figures recording the patients carried is due to the revised method of annual costing laid down by the Ministry of Health in Circular 25/51, which became operative on 1st August, 1951.

‡ Includes figures shown under "OUT-PATIENTS ONLY".

PREVENTION OF ILLNESS, CARE AND AFTER-CARE.

Close liaison is maintained between the chest clinics, county health visitors and the County Health Department. Voluntary care committees exist in some areas and give help outside the range of official assistance, but the need for the establishment of such committees in other chest clinic areas is again stressed by certain physicians.

The opinion is expressed by a number of chest physicians that, although the tuberculosis picture generally continues to show improvement we cannot afford to relax our preventative measures. Two main problems remain—(i) the pool of infection still in the elderly age group, some of which is being regarded only as chronic bronchitis and (ii) immigration from countries with high tuberculosis infection rates. Dr. J. D. Trail of Chester-le-Street Clinic suggests that such immigrants should be examined and x-rayed when entering the country.

Concern is expressed at the lung cancer problem and Dr. Trail states that suspect bronchogenic cancer is a condition which should be regarded as emergency and every effort made to cut down the period of waiting from the General Practitioner or Chest Physician to the Consultant Thoracic Surgeon. He suggests that special diagnostic clinics attached to Chest Units at all hospitals of reasonable size are essential. Dr. K. M. Chalmers of Stockton Chest Clinic reports that there has been a steady rise in the number of cases found to have bronchogenic neoplasms.

Dr. Chalmers also reports that of thirteen patients on the Stockton Clinic Register who died during the year only two deaths were primarily due to tuberculosis and in neither of these cases did the patient co-operate fully in taking treatment.

Contacts.—The following information has been supplied by the chest physicians.—

Sunderland (Dr. A. B. White).

“ 341 contacts from 65 new cases of tuberculosis were examined. This gives an average of 5.25 contacts per case as compared with 4.75 per case in 1960, 4.3 per case in 1959, 3.3 per case in 1958 and 3.5 per case in 1957. Seven cases of active pulmonary tuberculosis were found as a result of contact examination. 194 contacts were tuberculin tested and 172 found to be negative and were vaccinated with B.C.G. whilst in five cases the parents refused vaccination.”

Bishop Auckland (Dr. W. Clark).

“ Contact Clinic was run as in previous years and during 1961 there were 245 new contacts in attendance in relationship to 61 new cases of tuberculosis. 112 contacts were given B.C.G. vaccination during the year. All known cases of tuberculosis on the Clinic Register were given the opportunity to attend the Clinic at least once in the year for review and the majority of such people took advantage of the opportunity.”

Stanley and Consett (Dr. F. O. Potter).

| | Stanley | Consett |
|--|---------|---------|
| No. of cases notified in 1961 | 35 | 27 |
| No. of contacts of these cases examined | 119 | 94 |
| No. of contacts found to have tuberculosis | 1 | 2 |

West Hartlepool (Dr. J. B. Robinson).

31 cases were notified and 185 contacts were examined.

Employment.—There is continued co-operation between the Ministry of Labour, chest physicians, medical officers of health and employers. The following extracts are taken from the reports of the chest physicians.

Sunderland (Dr. A. B. White).

“Seven cases were seen at the Rehabilitation Clinic with the Disablement Resettlement Officer. Two were found employment, two were sent for training and three were unemployed or sick at date of review. The help of the Ministry of Labour is invaluable with the rehabilitation and after-care work.”

Stanley and Consett (Dr. F. O. Potter).

“Patients were advised regarding their employment, and if indicated, and the patients agreed, then contact examination is offered to their immediate associates at work. Re-settlement clinics are held in conjunction with the Labour Exchange and the Medical Officer of Health is available to give advice in placing doubtful cases. Medical Officer of Health refers doubtful conditions of work to Chest Physicians to take up with patient concerned. Good liaison is maintained with the Industrial Medical Officers of the numerous local industries with a view to the discussion and solution of any problems that may arise. It is noted that, owing to the changed industrial situation, the rehabilitation of tuberculous patients is becoming more difficult than hitherto.”

Notification.—During the year there were six posthumous notifications and 18 cases died without ever being notified. Contacts of all these cases are followed up in the usual way.

Ascertainment Schemes for Early Cases among Children and others.—Advantage continues to be taken of all facilities available for routine examinations and the chest physicians report good co-operation with the paediatric services.

Special Case Finding Surveys.—Continued use is made of the mass miniature radiography service which makes routine visits to most areas of the county twice yearly. In addition, special visits are made to schools, works and factories, if considered necessary.

Resistant Positive Cases of Tuberculosis.—Special visiting and supervision is made by health visitors to cases which are persistently found by chest physicians to be positive and whose germs are resistant to some or all of the standard drugs.

B.C.G. Vaccination.—Routine vaccination is carried out by the chest physicians at the chest clinics and during the year 2,263 contacts were skin tested and 1,277 vaccinated.

Tuberculin testing and vaccination of schoolchildren aged 12 years and upwards was undertaken by the assistant county medical officers. During the year 13,385 schoolchildren were skin tested and 9,924 received vaccination.

238 students attending further education establishments were skin tested and 144 were vaccinated.

TABLE 25.

PREVENTION OF ILLNESS, CARE AND AFTER CARE.

Summary of provision made during 1961.

| DISTRICTS | Air Cushions | Bath Rails | Bathmats (Sorbo) | Bath Seats | Bedpans | Bedsteads | Bed Cradles | Bed Packs (sets) | Bed-Tables | Bedrests | Blankets | Bungalow Baths | Commodes | Cots (adult) | Cotton Sheets | Crutches (pairs) | Cushions (Dunlopillo) | Enuresis Sets | Feeding Cups | Fireguards | Fracture Boards (sets) | Invalid Chairs | | | | Leg Rests | Lifting Poles | Mattress (Dunlopillo) | Mattress (Hair) | Pillows | Pillows (Dunlopillo) | Pillow Cases | Plastic Gloves | Rubber-sheeting | Rubber Toilet Seats | Spinal Carriages | Sputum Mugs | Urine Bottles | Walkie Pens | Walking Machines | Walking Sticks | Walking Sticks (Tripod) |
|---|--------------|------------|------------------|------------|---------|-----------|-------------|------------------|------------|----------|----------|----------------|----------|--------------|---------------|------------------|-----------------------|---------------|--------------|------------|------------------------|----------------|------|------------|----------|-----------|---------------|-----------------------|-----------------|---------|----------------------|--------------|----------------|-----------------|---------------------|------------------|-------------|---------------|-------------|------------------|----------------|-------------------------|
| | | | | | | | | | | | | | | | | | | | | | | Junior Push | Push | Rim-driven | Stairway | | | | | | | | | | | | | | | | | |
| 1. Blaydon U.D. .. Ryton U.D. .. Whickham U.D. .. | 64 | — | — | — | 70 | 3 | 11 | 1 | — | 67 | — | — | 20 | 1 | — | — | 4 | 4 | — | — | 1 | 3 | 15 | 3 | — | 1 | 3 | 10 | — | — | — | — | — | 54 | — | 2 | — | 35 | — | — | — | — |
| 2. Jarrow M.B. .. Felling U.D. .. Hebburn U.D. .. | 43 | — | — | — | 97 | 3 | 18 | — | — | 65 | — | — | 28 | 3 | — | 3 | 5 | 11 | 5 | 1 | 3 | 4 | 42 | 4 | — | 4 | 3 | 16 | — | — | — | — | — | 85 | — | 1 | — | 32 | 1 | — | 2 | 11 |
| 3. Consett U.D. .. Stanley U.D. .. Lanchester R.D. .. | 24 | — | — | — | 41 | 11 | 13 | 3 | 1 | 41 | — | — | 27 | 2 | — | — | 16 | — | — | — | 1 | 13 | 27 | 3 | — | 1 | 8 | 16 | — | — | 2 | — | — | 55 | 1 | 1 | — | 28 | — | — | 1 | 2 |
| 4. Chester-le-Street U.D. .. Chester-le-Street R.D. .. | 34 | — | — | — | 46 | 6 | 10 | — | — | 54 | — | 1 | 18 | 1 | — | — | 14 | — | 1 | — | — | 6 | 17 | 2 | — | — | 1 | 20 | — | — | — | — | — | 50 | — | 2 | — | 36 | — | — | 1 | — |
| 5. Boldon U.D. .. Hetton U.D. .. Houghton-le-Spring U.D. .. Seaham U.D. .. Washington U.D. .. Sunderland R.D. .. | 46 | — | 1 | — | 95 | 3 | 18 | — | — | 66 | — | — | 50 | 1 | — | 3 | 19 | 7 | — | — | — | 11 | 27 | 9 | 1 | 2 | 1 | 10 | — | — | — | — | — | 105 | 1 | — | 1 | 55 | — | — | 2 | 4 |
| 6. Crook & Willington U.D. .. Tow Law U.D. .. Weardale R.D. .. | 20 | 2 | 3 | — | 21 | 2 | 5 | — | — | 30 | — | — | 20 | — | — | 1 | 12 | — | 2 | — | 2 | 2 | 8 | — | — | 1 | 2 | 4 | 1 | — | — | — | — | 27 | — | — | — | 12 | — | — | — | 1 |
| 7. Durham M.B. .. Brandon & Byshottles U.D. .. Durham R.D. .. | 37 | 1 | 2 | 2 | 83 | 8 | 18 | — | 2 | 66 | 4 | — | 36 | 2 | 4 | 8 | 21 | 12 | 2 | — | 2 | 6 | 29 | 7 | 1 | 1 | 1 | 23 | 1 | 3 | 2 | 2 | — | 81 | 1 | 2 | — | 38 | — | 1 | 3 | 1 |
| 8. Barnard Castle U.D. .. Barnard Castle R.D. .. | 9 | — | — | — | 12 | — | 7 | — | — | 15 | — | — | 6 | — | — | 2 | 1 | — | — | — | — | 1 | 1 | 2 | — | — | — | 10 | — | — | — | — | — | 14 | — | — | — | 5 | — | — | — | 4 |
| 9. Bishop Auckland .. Shildon U.D. .. Spennymoor U.D. .. | 20 | — | 1 | — | 21 | 6 | 7 | 2 | 2 | 20 | — | — | 7 | — | — | 1 | 8 | — | — | 1 | 1 | 8 | 25 | 4 | — | 3 | 2 | 13 | 1 | 5 | — | — | 100 | 29 | 1 | 3 | — | 10 | — | — | — | 3 |
| 10. Hartlepool M.B. .. Billingham U.D. .. Darlington R.D. .. Sedgefield R.D. .. Stockton R.D. .. | 29 | — | 1 | — | 50 | 14 | 16 | — | 14 | 54 | — | — | 16 | 1 | — | 6 | 9 | 13 | 3 | — | 17 | 12 | 52 | 6 | — | 2 | 3 | 31 | 1 | — | 2 | — | — | 56 | — | 1 | 2 | 28 | — | 2 | — | 10 |
| Easington R.D. .. | 26 | — | 2 | — | 79 | 2 | 20 | — | — | 63 | 2 | — | 34 | 1 | 2 | 3 | 52 | 1 | — | — | 2 | 4 | 20 | 6 | — | — | — | 35 | — | 2 | 4 | 2 | — | 53 | — | — | — | 42 | — | — | 2 | 18 |
| Stockton M.B. .. | 6 | — | — | — | 6 | 2 | 4 | — | — | 3 | — | — | 7 | — | — | — | — | — | 1 | — | 1 | 2 | 13 | 4 | — | — | 2 | 2 | — | — | — | — | 6 | — | — | — | — | — | — | — | — | 5 |
| Administrative County .. | 358 | 3 | 10 | 2 | 621 | 60 | 147 | 6 | 19 | 544 | 6 | 1 | 269 | 12 | 6 | 27 | 161 | 48 | 14 | 2 | 30 | 72 | 276 | 50 | 2 | 15 | 26 | 190 | 4 | 10 | 10 | 4 | 100 | 615 | 4 | 12 | 3 | 321 | 1 | 3 | 11 | 59 |

Extra Nourishment.—Liquid milk is no longer supplied to tuberculous patients as they can apply to the National Assistance Board for a grant to cover milk costs.

Beds and Bedding.—These articles are loaned free of charge to tuberculous patients, if the household circumstances justify assistance. Recommendations are accepted from chest physicians, health visitors, district nurses or other reliable sources.

Nursing Equipment.—A central store of appliances is maintained in the Health Department and a local store of smaller articles of equipment at Hartlepool. Stores are also maintained at Easington and Stockton. Issues are made on the recommendation of a doctor, health visitor, district nurse or almoner. District nurses are notified of all patients in their districts who have equipment on loan and they maintain a general supervision, notifying the Health Department when the equipment is no longer required.

Liaison with almoners of the hospitals receiving patients from the administrative county is maintained. Special attention is given to paraplegics and no charge is made for equipment supplied for the use of these cases.

Table 25 gives a summary of provision made during 1961.

Occupational Therapy.—No occupational therapist is directly employed but the services of the welfare worker appointed in connection with the scheme for the welfare of handicapped persons were available during the year. Use was made whenever possible of help which could be obtained from the National Assistance Board, Ministry of Pensions and voluntary agencies such as care committees and the British Red Cross.

Chiropody Service.—At the end of the year the preparation of the County Council's scheme for the provision of a chiropody service was still under consideration.

Health Education.—During the year 17 films covering a wide range of relevant subjects were displayed to audiences totalling 503 in many parts of the county. Groups to whom shows were given were mothers' clubs, student health visitors, district midwives and professional and business women's clubs.

A film strip projector has been used to display suitable propaganda material to audiences at welfare centres.

Posters have been displayed during the year calling the attention of the public to a large variety of subjects, including the following.—Diphtheria immunisation, whooping cough immunisation, Poliomyelitis Vaccination, Smallpox Vaccination, Food Hygiene, Safety in the Home, Smoking and Lung Cancer and Mass Radiography.

Convalescent Homes.—During the year arrangements were made, on medical recommendation, for the admission of 20 county patients to convalescent homes for recuperative holidays as follows.—

| | | | |
|--|---|---------------------------------------|----|
| The Convalescent Home, Silloth | 2 | Rose Joicey Home, Whitburn | 14 |
| Procter Memorial Home, Shotley Bridge | 4 | | |

In 17 instances the County Council was responsible for the full maintenance charges and in the remaining three contributions were required from the patients or their families.

Eighteen other patients, after arrangements were made, cancelled their applications for various reasons.

Survey of Leukaemia in Adults.—The assistant county medical officers continued to undertake the work of interviewing cases and controls and completing the survey forms.

The Elderly Sick and Infirm.—Nursing equipment for the sickroom is available for the elderly sick and infirm and, in particular, extensive use is made, mostly during the summer months, of a large stock of indoor and outdoor invalid chairs.

The provision of essential laundering for certain elderly people who have been discharged from hospital or who, but for such provision, would require institutional care, has been continued, and the "meals on wheels" service to such people has been extended, in conjunction with some voluntary and statutory bodies.

DOMESTIC HELP SERVICE.

The Home Help Service provides assistance in homes where there are aged and infirm persons, where there is physical or mental illness and where domestic distress makes outside help advisable. Due to the increasing number of such homes the demand on the service continued to increase and a waiting list was still maintained, priority being given where the need was greatest. As a result of the growing proportion of aged persons in the population and the emigration of the family from the home, over 90 per cent. of the service was given to the elderly and chronic sick. The emphasis now being on domiciliary care and the earlier discharge of patients from hospital made more essential the rehabilitation of patients after hospital treatment. The arrangement whereby the service is used in an effort to assist families with special problems of management was continued. Nine such families were held together, four of them still having help at the end of the year.

The home helps are a body of practical social workers, without training but with experience in running a home, care of the sick and elderly and the management of children. Many of them have a strong sense of community service and a keen and sympathetic understanding of the needs of old people, shown by the extra duties they undertake and the voluntary hours of service they give.

Organisation.—Apart from Easington and Stockton the county is divided into 13 areas, each supervised by an assistant organiser who engages and places home helps as well as investigating applications in her area. Applications are received from the general public, medical and nursing personnel, and officers of statutory and voluntary bodies. Regular visitation of households is carried out by the assistant organisers to ensure the most satisfactory use of the service under changing conditions.

Six of the assistant organisers attended a Weekend Training Course arranged by the Institute of Home Help Organisers.

Talks on the service were given on six occasions.

Charges and Remuneration.—The fee for the service is 4/5d. per hour but the amount payable may be reduced in accordance with the scale of charges which takes into account the ability of the family or individual to pay.

Home helps are paid at the rate of 3/6½d. per hour, an additional payment of 2d. per hour being made for attendance on cases of infectious disease.

The following is a summary of the work accomplished.—

Number of cases provided with home help during the year.—

| | | |
|--|----|--------------|
| Maternity (including expectant mothers) | .. | 114 |
| Tuberculosis | .. | 31 |
| Chronic Sick (including aged and infirm) | .. | 5,366 |
| Others | .. | 370 |
| Total | .. | <u>5,881</u> |

In addition to the above the following cases ceased and recommenced later in the year.—

| | | |
|--|----|------------|
| Tuberculosis | .. | 3 |
| Chronic Sick (including aged and infirm) | .. | 468 |
| Others | .. | 2 |
| Total | .. | <u>473</u> |

| | | |
|--|----|--------|
| Number of cases attended 1st January | .. | 3,988 |
| New cases during year | .. | 2,303 |
| Cases terminated | .. | 1,881 |
| Cases attended on 31st December | .. | 4,410 |
| Number of cases on waiting list on 31st December | .. | 47 |
| Applications withdrawn or refused | .. | 795 |
| Visits paid by Assistant Organisers | .. | 72,045 |
| Number of domestic helps employed at end of year (part-time) | .. | 2,584 |

MENTAL HEALTH SERVICE.

During the first whole year since the Mental Health Act, 1959, became fully operative, rapid strides have been made in the development of the Mental Health Services especially towards our aim to provide places at Training Centres for all suitable mentally subnormal children and adults.

1. *Education.*—In an attempt to ensure that the general public and members of the staff of the Mental Health Section are well informed on the subject of mental disorder and recent advances in training and treatment, talks have been given to various organisations and their groups in the community while staff meetings have also been held periodically. Parents' Societies for Mentally Handicapped Children have been kept informed of the County's programme for developing the service and the Deputy County Medical Officer has attended their meetings to discuss future plans and their programmes associated with mentally subnormal

children. The parents of all children considered to be unsuitable for education at ordinary or special schools are visited immediately by a Social Worker who advises and supports the family during the initial and subsequent difficult periods. During the year the possibility of sponsoring a Voluntary Association for Mental Health was discussed with the Superintendent of one of the Mental Hospitals and it is hoped that this will materialise at the beginning of 1962.

2. *Staff*.—A Mental Health Executive Officer and one additional Mental Welfare Officer were appointed during the year. A fifth Mental Welfare Officer on the staff attended a five weeks residential course run by the National Association for Mental Health in conjunction with the Department of Adult Education and Extra Mural Studies, University of Leeds, while one Mental Welfare Officer attended a five day refresher course at Prudhoe and Monkton Hospital. Two of the older Mental Welfare Officers have recently attended a short refresher course sponsored by the Regional Hospital Board and held in Newcastle. Three members of the Junior Training Centre staff completed a full academic year's training course and each obtained the Diploma of the National Association for Mental Health. Within the last few years, six Supervisors and Assistant Supervisors have been successful and have obtained Diplomas. Four members of the staff who have been appointed as Trainees were selected for the full-time Diploma Course which they commenced in September, 1961, thus continuing our policy of sending Trainees, after a year's experience in a Junior Training Centre, on this full-time Diploma Course.

3. *Training Centres*.—The construction of an additional classroom at the Hebburn Junior Training Centre to provide places for a further 15 pupils was completed in June, 1961, and work on an additional classroom, assembly hall and extended playing area at the Bishop Auckland Junior Training Centre was commenced at the end of the year. Easington Junior and Adult Training Centres accepted their first pupils on 16th January, 1961, and the official opening ceremony took place on 15th March, 1961. While the administration at this Centre and also the Stockton Junior Training Centre was taken over by the Easington Rural District Council and Stockton Municipal Borough Council respectively on 1st April, 1961, suitable children from the surrounding areas of the Administrative County are also accepted for training. Work on the conversion of the Cottage Homes and the provision of an Industrial Workshop at Lanchester for use as an Adult Residential Training Centre for Mentally Sub-Normals has proceeded throughout the year and the Centre will be opened early in 1962. Work commenced on the Durham Junior and Adult (Male and Female) Training Centre on the Aykley Heads Estate in June, 1961, and it is hoped that this will be in operation by the end of 1962. Sites have been chosen for Adult Training Centres at Fencehouses, Bishop Auckland and Hebburn and for a Junior and Male and Female Adult Training Centre at Stockton. In addition a new playing field was provided at the Consett Junior Training Centre.

4. *Co-operation with Regional Hospital Board, Hospital Management Committee and Hospital Staff*.—The liaison and co-operation with mental hospitals has developed throughout the year. A very good and comprehensive service now exists in the North Western part of the County, i.e., Blaydon, Ryton, Whickham, Stanley and Consett, and other parts of the County are developing towards this ideal at different rates.

ADMINISTRATION.

(a) The Mental Health Sub-Committee of the County Health Committee is responsible for the administration of the Mental Health Service. The Deputy County Medical Officer on behalf of the County Medical Officer controls its day to day administration.

(b) *Staff.*—

| | | | |
|---|----|----|----|
| Mental Health Executive Officer | .. | .. | 1 |
| Mental Welfare Officers | .. | .. | 10 |
| Supervisors, Training Centres | .. | .. | 6 |
| Assistant Supervisors, Training Centres | .. | .. | 12 |
| Trainee Assistant Supervisors, Training Centres | .. | .. | 6 |
| Teachers of the Mentally Handicapped in their own homes | .. | .. | 1 |
| Social Worker | .. | .. | 1 |

Three assistant county medical officers who are also district medical officers of health assist with the examination of the mentally subnormal, although more and more cases are being referred to the hospital out-patient clinics for assessment. School Medical Officers carry out the routine annual medical examinations of all those attending training centres.

(c) There are no arrangements for joint use of the services of officers of the Regional Hospital Board or Hospital Management Committees, although patients on trial from mental hospitals and mentally subnormals were supervised by the hospital concerned. There has been excellent co-operation with the Hospital Consultants.

ACCOUNT OF WORK UNDERTAKEN IN THE COMMUNITY.

1. *In relation to Mentally Subnormal Persons.*

(a) *Ascertainment.*—Cases are notified by school medical officers, child welfare medical officers, private practitioners, hospital staffs, health visitors and social workers. As already stated, greater use was made of the hospital out-patient facilities for the diagnosis of mental subnormality, and consultants advice on prognosis and disposal of the case. Valuable assistance is being given by the Superintendent and staff of Prudhoe Hospital in assessing the suitability of entrants for admission to Lanchester Residential Adult Training Centre. A scheme put into operation in 1960 for routine testing of all infants born in the County to detect cases of phenylketonuria has been continued throughout the year.

(b) Under the provisions of the Education Act, 1944, the Local Education Authority notified during the year to the Local Health Authority the following* :—

| | M. | F. | Total. |
|---|----|----|--------|
| Under Section 57(3)—Children considered unsuitable for education within the school system | 38 | 16 | 54 |
| Children who require further supervision after leaving school | 16 | 15 | 31 |

*Information in respect of Stockton M.B. not available from time of delegation.

(c) On the 31st December, 1961, there were 3,476 mentally subnormal persons on the register (approximately one third of whom are in hospitals) giving an ascertainment figure of 3.64 per 1,000 population in the administrative county area.

During the year 178 cases were added to the County Council register, compared with 126 added to the register last year.

(d) *Supervision*.—The supervision of mentally subnormal persons is carried out by health visitors who made 7,597 visits to 2,095 persons during the year. Of the mentally subnormal known to this Authority, 23 have given birth to children during this period, six while unmarried, 18 persons have married.

(e) *Guardianship*.—There were no cases under guardianship.

(f) *Home Teaching*.—There is one home teacher. As there is at present no training centre in Durham City district, classes for group instruction continued at Coxhoe, the remainder of the teachers' time being spent in visiting the homes of mentally handicapped in her area, giving home training to them.

(g) *Junior Training Centres for Mentally Subnormal Persons*.—The number of pupils receiving training at the Junior Training Centres on 31st December was as follows.—

| <i>Centre</i> | <i>No. of Pupils</i> | <i>Centre</i> | <i>No. of Pupils</i> |
|-----------------|----------------------|------------------------|----------------------|
| Bishop Auckland | .. 32 | Darlington C.B. Centre | 3 |
| Consett | .. 30 | Gateshead C.B. Centre | 4 |
| Hebburn | .. 42 | South Shields C.B. | |
| Newbottle | .. 39 | Centre | 1 |
| Stockton | .. 40 | Sunderland C.B. Centre | 2 |
| Easington | .. 39 | Total — | 232 |

In addition five children attended as day pupils at Prudhoe and Monkton Hospital and seven at Earl's House Hospital.

Transport to the centres, mid-morning milk and mid-day meals are provided at each centre, while routine regular dental and medical examinations are carried out on all pupils.

(h) *Hospital Admissions*.—During the year 14 patients were admitted to hospitals under Order and 28 were admitted informally under the provisions of Circular H.M. (58) 5. During the whole of the year 78 patients were admitted to hospitals for short-term care in accordance with the terms of Circular 5/52 of the Ministry of Health. Details of all admissions are given in Table 26.

2. *In relation to Mentally Ill Persons.*

During the year, the mental welfare officers, at the request of the medical practitioners or the police, investigated cases under the Mental Health Act, 1959, and Table 26 gives details of admissions arranged by them. (It must be noted however that these totals do not include all hospital admissions).

TABLE 26.

| Hospital. | S. 25 Observation. | S. 26. Treatment. | S. 29. Emergency. | In- formal. | Temp. Circ. 5/52. | S. 60. Court | Total |
|---|-----------------------|----------------------|----------------------|----------------|-------------------------|-----------------|-------|
| <i>Mentally Ill.</i> | | | | | | | |
| Cherry Knowle, Ryhope | 4 | 2 | 15 | 19 | — | — | 40 |
| Garlands, Carlisle | — | 1 | — | — | — | — | 1 |
| General, Newcastle | — | — | 3 | — | — | — | 3 |
| General, West Hartlepool | — | — | 10 | 2 | — | — | 12 |
| Lee Hill, Lanchester | 2 | — | 2 | 6 | — | — | 10 |
| Northgate, Darlington | — | — | — | 1 | — | — | 1 |
| Middleton Hall, Middleton-St.-George | 2 | — | 1 | — | — | — | 3 |
| General, South Shields | 1 | 1 | 12 | 6 | — | — | 20 |
| St. Lukes, Middlesborough | — | — | 1 | 1 | — | — | 2 |
| St. Mary's, Stannington | 5 | 4 | 52 | 107 | — | 1 | 169 |
| St. Nicholas, Gosforth | 33 | 9 | 39 | 30 | — | — | 111 |
| Winterton, Sedgefield | 49 | 25 | 163 | 47 | — | 2 | 286 |
| <i>Mentally Sub-Normal.</i> | | | | | | | |
| Lycliffe | — | 4 | 2 | 14 | 8 | 4 | 32 |
| Thurthoe | 1 | 2 | 1 | 14 | 70 | — | 88 |
| Total | 97 | 48 | 301 | 247 | 78 | 7 | 778 |

*Registered by the County Council under the Mental Health Act, 1959 as a home for mentally ill or infirm patients, 24th April, 1961.

Forty-five cases investigated under the Mental Health Act were not removed to hospital.

The Social Worker visited cases and gave advice and support to patients and relatives.

AREA HEALTH SUB-COMMITTEES.

Table 27 shows the number of meetings held by the area health sub-committees during the year in accordance with the scheme adopted by the County Council in 1948.

TABLE 27.

| <i>No. of Area.</i> | <i>Names of County Districts comprised in the area.</i> | <i>Assistant County Medical Officer.</i> | <i>Number of members.</i> | <i>Meetings held.</i> |
|---------------------|--|--|---------------------------|-----------------------|
| 1 | Blaydon U.D. Ryton U.D. Whickham U.D. | J. A. Dryden, M.A., B.Sc., M.B., B.Chir., D.P.H., D.I.H. | 20 | 4 |
| 2 | Jarrow Borough Felling U.D. Hebburn U.D. | T. C. Falconer, M.B., Ch.B., D.P.H. | 21 | 4 |
| 3 | Consett U.D. Stanley U.D. Lanchester R.D. | R. Hill, M.B., B.Ch., D.P.H. | 21 | 4 |
| 4 | Chester-le-Street U.D. Chester-le-Street R.D. | J. L. Siddle, M.B., B.S., D.P.H. | 16 | 4 |
| 5 | Boldon U.D. Hetton U.D. Houghton-le-Spring U.D. Seaham U.D. Washington U.D. Sunderland R.D. | R. C. F. Smith, M.D., D.P.H. | 29 | 4 |
| 6 | Crook & Willington U.D. Tow Law U.D. Weardale R.D. | G. A. Macgregor, M.D., D.P.H. | 18 | 4 |
| 7 | Durham Borough Brandon U.D. Durham R.D. | R. G. Drummond, M.B., Ch.B., D.P.H. | 20 | 5 |
| 8 | Barnard Castle U.D. Barnard Castle R.D. | A. S. M. Wilson, L.R.C.P., L.R.F.P.S., D.P.H. | 15 | 4 |
| 9 | Bishop Auckland U.D. Shildon U.D. Spennymoor U.D. | J. M. Hegarty, M.B., B.Ch., B.A.O., D.P.H. | 20 | 4 |
| 10 | Hartlepool Borough Billingham U.D. Darlington R.D. Sedgefield R.D. Stockton R.D. | M. W. Rodgers, M.B., B.Ch., B.A.O., D.P.H. | 28 | 4 |

NATIONAL ASSISTANCE ACT, 1948.
WELFARE OF THE AGED AND HOMELESS.

Residential Accommodation.—At the end of the year 980 persons were being provided with accommodation, a decrease of 16 on the number in residence at the end of the previous year.

The number of cases on the waiting list at the 31st December was 398 compared with 275 in 1960.

New Hostels.—New hostels at Easington Village and East Boldon are nearing completion and further new hostels are in course of erection at Bishop Auckland, Newton Aycliffe and Stockton-on-Tees.

Temporary Accommodation.—Lambton House, Birtley, previously used by the Children Department as a nurses' home for Birtley Residential Nursery, was adapted to provide furnished emergency accommodation for homeless families, the first family being admitted on 28th November.

The following statement shows the distribution of residents at the end of the year.—

(1) *Residential Accommodation.*—

| | <i>Home</i> | <i>Residential Accommodation</i> | | <i>Hospital Patients</i> |
|--|------------------------|--------------------------------------|--------------------------|------------------------------|
| | | <i>Beds Provided</i> | <i>Beds Occupied</i> | |
| <i>In Homes controlled by the Welfare Sub-Com- mittee.</i> | Cambridge House, | | | |
| | Barnard Castle | 85 | 78 | 49 |
| | Heath House, | | | |
| | Houghton-le- Spring | 126 | 119 | |
| | Ivy House, | | | |
| | Sedgefield | 76 | 73 | |
| | Seaton Holme, | | | |
| | Easington | 35 | 31 | |
| | Weardale House, | | | |
| | Stanhope | 59 | 59 | |
| | Newtown House, | | | |
| | Stanhope | 30 | 30 | |
| | The Hermitage, | | | |
| | Whickham | 18 | 18 | |
| | Parkside, | | | |
| | Billingham | 38 | 37 | |
| | Winton, | | | |
| | Winlaton | 38 | 36 | |
| | Grove Park, | | | |
| | Barnard Castle | 22 | 22 | |
| | Owton Fens, | | | |
| | Greatham | 21 | 21 | |
| | Holmfield, Crook | 30 | 30 | |
| | St. Bede's, | | | |
| | Jarrow | 38 | 36 | |
| | Glencliffe, | | | |
| | Seaton Carew | 39 | 39 | |
| | Stanfield, Stanley | 38 | 38 | |
| | Palatine House, | | | |
| | Durham | 38 | 38 | |
| | Glenroyd House, | | | |
| | Consett | 38 | 36 | |
| | Mendip House, | | | |
| | Chester-le-Street | 38 | 37 | |
| <i>In Hospitals transferred to the Regional Hospital Board on 5th July, 1948</i> | Chester-le-Street | 33 | 29 | |
| | Durham | 48 | 47 | |
| | Lanchester | 59 | 54 | |
| <i>In Homes controlled by.—</i> | | | | |
| <i>(a) Neighbouring County Borough Councils</i> | Darlington | | 6 | |
| | Gateshead | | 13 | |
| | South Shields | | 2 | |
| | Sunderland | | 1 | |
| | West Hartlepool | | 4 | |
| <i>(b) Other Local Authorities</i> | | | 5 | |
| <i>In Special Homes</i> | | | 41 | |
| Totals | | — | 980 | 49 |

(2) *Temporary Accommodation.*—

| <i>In Homes controlled by the Welfare Sub-Com- mittee</i> | <i>Home</i> | <i>Adults</i> | <i>Children</i> |
|---|-------------------------------------|---------------|-----------------|
| | Cottage Honies, Houghton-le-Spring. | 6 | 23 |
| | Lambton House, Birtley. | 1 | 4 |

The number of employees in the 18 hostels directly controlled by the Health Committee was as follows.—

| | | | |
|-----------------|----|----|-----|
| Superintendents | .. | .. | 4 |
| Matrons | .. | .. | 16 |
| Wardens | .. | .. | 2 |
| Other staff | .. | .. | 255 |

WELFARE OF THE BLIND AND PARTIALLY SIGHTED.

(a) *Register and Registration of Blind Persons.*—The number of blind persons on the County Council's register on the 31st December was 1,839, one less than at the end of 1960.

TABLE 28.

Blind Population according to Age and Sex.

| | 1 & under | 2- 4 | 5- 10 | 11- 15 | 16- 20 | 21- 29 | 30- 39 | 40- 49 | 50- 59 | 60- 64 | 65- 69 | 70- 79 | 80 & over | Total |
|-------|--------------|---------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|-------|
| M. .. | 2 | 1 | 12 | 12 | 15 | 28 | 50 | 88 | 107 | 55 | 80 | 174 | 195 | 819 |
| F. .. | — | 4 | 8 | 6 | 5 | 11 | 39 | 64 | 110 | 64 | 106 | 307 | 296 | 1,020 |
| Total | 2 | 5 | 20 | 18 | 20 | 39 | 89 | 152 | 217 | 119 | 186 | 481 | 491 | 1,839 |

During the year the names of 219 blind persons were added to the register including 16 blind persons transferred into the county from other areas. Following surgical treatment sight was restored to *8 persons previously registered as blind, 2 being re-classified as partially sighted, while 6 were certified neither blind nor partially sighted. During the period under review 337 blind persons died or left the county area.

The five part-time ophthalmologists appointed by the County Council examined *349 cases referred to them while in addition *4 forms B.D.8 were submitted by other ophthalmologists. These 353 cases are classified as follows.—

First examination.—

| | | | | |
|---------------------------------|----|----|----|-----|
| No. certified blind | .. | .. | .. | 164 |
| No. certified partially sighted | .. | .. | .. | 52 |
| No. certified not blind | .. | .. | .. | 47 |

Re-examinations.—

| | | |
|--|----|----|
| No. certified blind (10 already certified) | .. | 49 |
| No. certified partially sighted | .. | 26 |
| No. certified not blind | .. | 15 |

No case of retrolental fibroplasia was reported during the year.

*Information in respect of Stockton M.B. not available from time of delegation.

(b) *Register of Partially Sighted.*—The number of partially sighted cases on the register at the 31st December was 385, the sex and age classification being.—

| | 0-1 | 2-4 | 5-15 | 16-20 | 21-49 | 50-64 | 65 & over | Total |
|-------|-----|-----|------|-------|-------|-------|-----------|-------|
| M. | — | 1 | 20 | 9 | 24 | 20 | 67 | 141 |
| F. | — | 1 | 17 | 6 | 24 | 24 | 172 | 244 |
| Total | — | 2 | 37 | 15 | 48 | 44 | 239 | 385 |

The following table gives further information regarding the recommendations and action taken in relation to blind and partially sighted persons registered during the year.—

TABLE 29. *

| (1) Number of cases registered during the year in respect of which | Cause of Disability | | |
|--|---------------------|----------|---------------|
| | Cataract | Glaucoma | Miscellaneous |
| (a) No treatment was recommended.— | | | |
| Blind | 41 | 13 | 78 |
| Partially-Sighted | 9 | 1 | 20 |
| (b) Treatment recommended.— (Medical, surgical or optical) | | | |
| Blind | 41 | 10 | 21 |
| Partially-Sighted | 19 | — | 10 |
| (2) Number of cases at (1)(b) above who later received treatment.— | | | |
| Blind | 4 | 2 | 11 |
| Partially-Sighted | 2 | — | 2 |

Of the 23 cases of glaucoma included in the table above and certified blind, three had not received treatment for this condition prior to the completion of Form B.D.8.

In all cases of cataract, glaucoma or any other disability where the examining ophthalmologist makes a recommendation for treatment, a letter is addressed to the patient's private doctor informing him of the findings and the recommendations of the ophthalmologist. At the same time an offer is made for the case to be referred to the ophthalmology department of the nearest hospital, subsequent progress being notified to the medical practitioner as and when it becomes known to this department. In the majority of cases the medical practitioners avail themselves of this offer, and the arrangements have been found to work satisfactorily.

(c) *Employment.*—A consultative employment panel consisting of the Manager of the Workshops for the Blind, Group Disablement Resettlement Officer of the Ministry of Labour, Placement Officer of the Royal National Institute for Blind, Supervisor of the North Regional Association

*Information in respect of Stockton M.B. not available from time of delegation.

of The Blind and the Deputy County Medical Officer met periodically throughout the year. Individual cases were considered and interviewed with a view to determining the most appropriate methods of rehabilitation, training or resettlement. Between these meetings valuable and very ready assistance was given by the Supervisor of the North Regional Association of the Blind.

The following information relates to trained blind persons in employment at the end of the year.—

| | <i>Institution Workers</i> | <i>Home Workers</i> |
|--|--------------------------------|-------------------------|
| Royal Institution for the Blind, Sunderland .. | 36 | 2 |
| Cleveland & South Durham Institute for the Blind, Middlesbrough | 18 | 3 |
| Hartlepool Workshops for the Blind, West Hartlepool | 4 | — |
| National Library for the Blind, Braille Copyists | — | 3 |
| Catholic Blind Institute, Liverpool | 1 | — |

On the 31st December the number of trained but unemployed blind persons was 14.

High Myopia.—It has been the practice for many years for the school health service to notify the Health Department of all school leavers suffering from high myopia who are not registered blind or partially sighted persons. These cases are followed up by health visitors to ensure that the children continue to wear suitable spectacles and obtain replacements where necessary. Advice and assistance is given regarding suitable employment.

(d) *Home Teaching Service.*—There were 17 home teachers for the blind in the county area of whom five were registered blind persons. They visit regularly, teach Braille or Moon type and act as general purpose social workers for all blind persons on the register. Each of the home teachers in the northern area and five in the southern area hold classes for teaching handicrafts.

(e) *Social Centres.*—Seven centres are established and operating in the county. Great interest was shown in the various activities by the blind persons, helpers and friends. The home teachers provide help and guidance at these centres when necessary.

(f) *Placement Service.*—By arrangement with the Royal National Institute for the Blind use was made of their placement officer in finding and placing suitable persons in open industry.

(g) *Holidays.*—The Health Committee provided a week's holiday at Blackpool for 18 deaf blind persons, together with attendants. Detailed arrangements for the holiday were made by the North Regional Association for the Blind.

(h) *Homes for the Blind.*—At the end of the year there were 39 blind persons in homes for the blind, 34 being residents in Palatine House, Durham, (the County Council's hostel for the blind) and 5 living in homes outside the county.

WELFARE OF THE PHYSICALLY HANDICAPPED.

At the end of the year there were 520 males and 431 females on the register. This is an increase of 59 within the last year.

The full implementation of the County Council's scheme under Section 29 of the National Assistance Act approved by the Ministry on the 27th September, 1952, is still being hampered by the shortage of staff, the whole of the county being served by one social worker and one occupational therapist. The number of social clubs for the physically handicapped, sponsored by the Durham County Association for the Welfare of the Physically Handicapped was increased during the year by two, making a total of thirteen. These clubs are invaluable as meeting places for the physically handicapped where they can take part in social as well as handicraft activities and where they can be met by the county social worker. Adaptations to houses to secure the greater comfort or convenience of the physically handicapped have been carried out on an increasing scale and where council houses are involved the work is done by the Local Housing Authority, the County Council making a fifty per cent contribution towards the cost.

With the agreement of the Education Committee the Health Committee were able to sponsor another Holiday Scheme for physically handicapped persons which on this occasion was held at Walworth Castle (Special Residential School) during the period 31st July to 26th August. 67 handicapped persons had a holiday at Walworth Castle during the four week period. The majority of these handicapped persons were conveyed to Walworth Castle by ambulance, the remainder finding their own way in motor propelled tricycles or in privately owned cars. The British Red Cross Society carried out the day to day administration, provided the food and staff, and the venture was a great success. For many of the patients it was their first holiday, and the British Red Cross staff are to be congratulated on their magnificent effort. Having proved once again that this type of project can be successfully carried out in the county, the Committee agreed that if at all possible, similar arrangements be made in subsequent years.

The occupational therapist visits handicapped persons in their own homes, trains and assists them in various crafts. A further grant was made to the Durham County Association for the Physically Handicapped to help them further their work.

2 adults continued to attend the "day-work centre" at the Percy Hedley School for Spastics.

26 physically handicapped persons are in homes outside the county.

| | | | | | |
|------------------------|----|----|----|----|----|
| Spastics | .. | .. | .. | .. | 3 |
| Epileptics | .. | .. | .. | .. | 21 |
| Poliomyelitis | .. | .. | .. | .. | 1 |
| Disseminated sclerosis | .. | .. | .. | .. | — |
| Polyneuritis | .. | .. | .. | .. | 1 |
| | | | | | — |
| Total | .. | .. | .. | .. | 26 |
| | | | | | — |

WELFARE OF THE DEAF.

The County Council scheme under Section 29 of the National Assistance Act approved by the Ministry on the 27th September, 1952, operates throughout the County. Most of the work is carried out on an agency agreement by the Northumberland and Durham Mission to the Deaf and Dumb for the northern part of the county and the South Durham and North Yorkshire Association for the Deaf for the southern part of the county. Welfare Officers visit and look after the general welfare of registered persons. 7 hard of hearing clubs operate throughout the county to which the County Council make a grant for administration, maintenance charges and equipment. At the end of the year the number of deaf persons on the register was 830 classified as follows.—

| | | <i>M.</i> | <i>F.</i> | <i>Total.</i> |
|-------------------|----|-----------|-----------|---------------|
| Under 16 years | .. | 72 | 73 | 145 |
| 16-64 years | .. | 312 | 230 | 542 |
| 65 years and over | .. | 71 | 72 | 143 |
| Total | .. | 455 | 375 | 830 |

At the end of December, 93 school children (42 boys and 51 girls) were attending residential special schools for the deaf, outside the county area.

TUBERCULOSIS.
INCIDENCE AND MORTALITY.

The number of primary notifications of respiratory tuberculosis received during the year was 418 and of non-respiratory tuberculosis 74, compared with 449 and 61 respectively in 1960. (See tables 30-35). The total notifications for the year (492) show a reduction of 18, compared with 1960 and give an incidence rate for all forms of tuberculosis of 0.52 per 1,000 population, the rate for 1960 being 0.54.

Table 37 gives the number of deaths from respiratory tuberculosis under relevant age periods and in separate county districts and areas. Similar information in respect of deaths from non-respiratory tuberculosis is given in the following statement.—

| <i>Area</i> | | | | <i>Number of</i> |
|-------------|------------------|--------------------|-------------|------------------|
| <i>No.</i> | <i>District.</i> | <i>Age Period.</i> | <i>Sex.</i> | <i>deaths.</i> |
| 3 | Consett U.D. | 45—54 | M. | 1 |
| 10 | Sedgefield R.D. | 75— | F. | 1 |
| — | Easington R.D. | 45—54 | M. | 1 |

The number of deaths from respiratory tuberculosis (74) has decreased by 16, and is the lowest on record. Deaths from non-respiratory tuberculosis (3) showed a decrease of 4 compared with 1960, and are also the lowest recorded.

Table 30 gives details of the incidence of tuberculosis since 1931, and records the lowest number of new cases of respiratory tuberculosis and the lowest attack rate as occurring in 1961.

TABLE 30.

ADMINISTRATIVE COUNTY OF DURHAM. TUBERCULOSIS—New Cases and Deaths, 1931-1961.

| Year | New Cases | | | | Deaths | | | |
|------|-------------|-----|-----------------|-----|-------------|-----|-----------------|----|
| | Respiratory | | Non-Respiratory | | Respiratory | | Non-Respiratory | |
| | M. | F. | M. | F. | M. | F. | M. | F. |
| 1931 | 493 | 446 | 372 | 356 | 343 | 327 | 116 | 89 |
| 1932 | 506 | 477 | 450 | 406 | 353 | 326 | 126 | 85 |
| 1933 | 447 | 419 | 343 | 328 | 368 | 303 | 72 | 72 |
| 1934 | 456 | 396 | 321 | 297 | 342 | 312 | 75 | 67 |
| 1935 | 376 | 376 | 306 | 248 | 315 | 295 | 79 | 63 |
| 1936 | 384 | 380 | 298 | 275 | 298 | 256 | 72 | 63 |
| 1937 | 406 | 334 | 272 | 258 | 268 | 255 | 65 | 68 |
| 1938 | 339 | 317 | 302 | 293 | 270 | 200 | 57 | 67 |
| 1939 | 410 | 295 | 266 | 254 | 292 | 217 | 67 | 54 |
| 1940 | 380 | 291 | 226 | 248 | 290 | 236 | 45 | 37 |
| 1941 | 388 | 382 | 241 | 240 | 299 | 243 | 55 | 51 |
| 1942 | 367 | 390 | 248 | 244 | 245 | 190 | 68 | 55 |
| 1943 | 438 | 398 | 240 | 290 | 296 | 218 | 64 | 26 |
| 1944 | 445 | 469 | 235 | 246 | 233 | 190 | 51 | 49 |
| 1945 | 527 | 386 | 249 | 265 | 255 | 203 | 48 | 56 |
| 1946 | 604 | 447 | 202 | 183 | 231 | 199 | 64 | 47 |
| 1947 | 534 | 474 | 166 | 172 | 253 | 263 | 58 | 38 |
| 1948 | 595 | 532 | 146 | 149 | 200 | 236 | 58 | 34 |
| 1949 | 552 | 515 | 127 | 146 | 240 | 188 | 39 | 35 |
| 1950 | 682 | 607 | 113 | 130 | 220 | 136 | 34 | 22 |
| 1951 | 654 | 525 | 102 | 110 | 195 | 126 | 26 | 22 |
| 1952 | 562 | 476 | 70 | 97 | 138 | 84 | 13 | 13 |
| 1953 | 502 | 415 | 66 | 78 | 129 | 92 | 14 | 10 |
| 1954 | 449 | 361 | 68 | 65 | 120 | 56 | 11 | 4 |
| 1955 | 376 | 331 | 54 | 61 | 108 | 54 | 9 | 13 |
| 1956 | 367 | 317 | 54 | 52 | 77 | 28 | 5 | 6 |
| 1957 | 368 | 264 | 42 | 65 | 96 | 29 | 7 | 4 |
| 1958 | 371 | 224 | 39 | 52 | 74 | 27 | 12 | 3 |
| 1959 | 289 | 191 | 32 | 45 | 74 | 20 | 7 | 1 |
| 1960 | 300 | 174 | 28 | 37 | 63 | 27 | 3 | 4 |
| 1961 | 257 | 161 | 37 | 37 | 57 | 17 | 2 | 1 |

| Year | RESPIRATORY | | | | NON-RESPIRATORY | | | | TOTAL | | | |
|------|-------------|------------------|-------------|--------------|-----------------|------------------|-------------|--------------|-----------|------------------|-------------|--------------|
| | New Cases | Number of Deaths | *Death Rate | *Attack Rate | New Cases | Number of Deaths | *Death Rate | *Attack Rate | New Cases | Number of Deaths | *Death Rate | *Attack Rate |
| 1931 | 939 | 670 | 0.72 | 1.01 | 728 | 205 | 0.22 | 0.78 | 1,667 | 875 | 0.94 | 1.79 |
| 1932 | 983 | 679 | 0.73 | 1.06 | 856 | 211 | 0.23 | 0.93 | 1,839 | 890 | 0.96 | 1.99 |
| 1933 | 866 | 671 | 0.73 | 0.94 | 671 | 144 | 0.16 | 0.73 | 1,537 | 815 | 0.89 | 1.67 |
| 1934 | 852 | 654 | 0.71 | 0.93 | 618 | 142 | 0.16 | 0.68 | 1,470 | 796 | 0.87 | 1.61 |
| 1935 | 752 | 610 | 0.67 | 0.83 | 554 | 142 | 0.16 | 0.61 | 1,306 | 752 | 0.83 | 1.44 |
| 1936 | 764 | 554 | 0.62 | 0.85 | 573 | 135 | 0.15 | 0.64 | 1,337 | 689 | 0.77 | 1.49 |
| 1937 | 740 | 523 | 0.59 | 0.84 | 530 | 133 | 0.15 | 0.60 | 1,270 | 656 | 0.74 | 1.43 |
| 1938 | 656 | 470 | 0.53 | 0.74 | 595 | 124 | 0.14 | 0.67 | 1,251 | 594 | 0.67 | 1.42 |
| 1939 | 705 | 509 | 0.58 | 0.80 | 520 | 121 | 0.14 | 0.59 | 1,225 | 630 | 0.72 | 1.39 |
| 1940 | 671 | 526 | 0.61 | 0.79 | 474 | 82 | 0.10 | 0.56 | 1,145 | 608 | 0.72 | 1.35 |
| 1941 | 770 | 542 | 0.65 | 0.92 | 481 | 106 | 0.13 | 0.57 | 1,251 | 648 | 0.77 | 1.49 |
| 1942 | 757 | 435 | 0.53 | 0.92 | 492 | 123 | 0.15 | 0.60 | 1,249 | 558 | 0.67 | 1.52 |
| 1943 | 836 | 514 | 0.63 | 1.03 | 530 | 90 | 0.11 | 0.65 | 1,366 | 604 | 0.74 | 1.68 |
| 1944 | 914 | 423 | 0.51 | 1.11 | 481 | 100 | 0.12 | 0.59 | 1,395 | 523 | 0.63 | 1.70 |
| 1945 | 913 | 458 | 0.55 | 1.10 | 514 | 104 | 0.13 | 0.62 | 1,427 | 562 | 0.68 | 1.72 |
| 1946 | 1,051 | 430 | 0.50 | 1.22 | 385 | 111 | 0.13 | 0.45 | 1,436 | 541 | 0.63 | 1.66 |
| 1947 | 1,008 | 516 | 0.59 | 1.16 | 338 | 96 | 0.11 | 0.39 | 1,346 | 612 | 0.70 | 1.55 |
| 1948 | 1,127 | 436 | 0.49 | 1.27 | 295 | 92 | 0.10 | 0.33 | 1,422 | 528 | 0.59 | 1.60 |
| 1949 | 1,067 | 428 | 0.47 | 1.18 | 273 | 74 | 0.08 | 0.30 | 1,340 | 502 | 0.56 | 1.48 |
| 1950 | 1,289 | 356 | 0.39 | 1.42 | 243 | 56 | 0.06 | 0.27 | 1,532 | 412 | 0.45 | 1.69 |
| 1951 | 1,179 | 321 | 0.36 | 1.31 | 212 | 48 | 0.05 | 0.24 | 1,391 | 369 | 0.41 | 1.55 |
| 1952 | 1,038 | 222 | 0.25 | 1.15 | 167 | 26 | 0.03 | 0.19 | 1,205 | 248 | 0.28 | 1.34 |
| 1953 | 917 | 221 | 0.24 | 1.01 | 144 | 24 | 0.03 | 0.16 | 1,061 | 245 | 0.27 | 1.17 |
| 1954 | 810 | 176 | 0.19 | 0.89 | 133 | 15 | 0.02 | 0.15 | 943 | 191 | 0.21 | 1.04 |
| 1955 | 707 | 162 | 0.18 | 0.77 | 115 | 22 | 0.02 | 0.13 | 822 | 184 | 0.20 | 0.90 |
| 1956 | 684 | 105 | 0.11 | 0.74 | 106 | 11 | 0.01 | 0.12 | 790 | 116 | 0.13 | 0.86 |
| 1957 | 632 | 125 | 0.13 | 0.68 | 107 | 11 | 0.01 | 0.12 | 739 | 136 | 0.15 | 0.80 |
| 1958 | 595 | 101 | 0.11 | 0.64 | 91 | 15 | 0.02 | 0.10 | 686 | 116 | 0.12 | 0.73 |
| 1959 | 480 | 94 | 0.10 | 0.51 | 77 | 8 | 0.01 | 0.08 | 557 | 102 | 0.11 | 0.59 |
| 1960 | 474 | 90 | 0.09 | 0.50 | 65 | 7 | 0.01 | 0.07 | 539 | 97 | 0.10 | 0.57 |
| 1961 | 418 | 74 | 0.08 | 0.44 | 74 | 3 | 0.003 | 0.08 | 492 | 77 | 0.08 | 0.52 |

* Rates per 1,000 population.

TABLE 32.

ADMINISTRATIVE COUNTY OF DURHAM. 1961.—Notifications of tuberculosis in each urban and rural district of the administrative county during the period 1st January, 1961 to 31st December, 1961.

| District. | Primary Notifications of new cases of Tuberculosis. | | | |
|-----------------------------------|---|---------|------------------|---------|
| | Respiratory. | | Non-respiratory. | |
| | Males. | Females | Males. | Females |
| <i>Area No. 1.</i> | | | | |
| Blaydon U.D. | 9 | 11 | 2 | 2 |
| Ryton U.D. | 3 | 4 | — | 1 |
| Whickham U.D. | 9 | — | 2 | 2 |
| <i>Area No. 2.</i> | | | | |
| Jarrow M.B. | 19 | 10 | 2 | 2 |
| Felling U.D. | 16 | 6 | — | 2 |
| Hebburn U.D. | 18 | 12 | 1 | — |
| <i>Area No. 3.</i> | | | | |
| Consett U.D. | 14 | 6 | 1 | 2 |
| Stanley U.D. | 18 | 8 | 1 | 3 |
| Lanchester R.D. | 3 | 1 | — | — |
| <i>Area No. 4.</i> | | | | |
| Chester-le-Street U.D. | 5 | 6 | 1 | — |
| Chester-le-Street R.D. | 7 | 6 | 1 | 1 |
| <i>Area No. 5.</i> | | | | |
| Boldon U.D. | 6 | 3 | — | — |
| Hetton U.D. | 3 | 1 | — | — |
| Houghton-le-Spring U.D. | 2 | 2 | 3 | 1 |
| Seaham U.D. | 6 | 2 | — | 3 |
| Washington U.D. | 1 | 5 | 1 | 1 |
| Sunderland R.D. | 11 | 5 | — | — |
| <i>Area No. 6.</i> | | | | |
| Crook & Willington U.D. | 2 | 2 | 5 | — |
| Tow Law U.D. | — | — | — | — |
| Weardale R.D. | 5 | — | — | — |
| <i>Area No. 7.</i> | | | | |
| Durham M.B. | 3 | 8 | — | — |
| Brandon & Byshottles U.D. | 2 | 4 | — | — |
| Durham R.D. | 6 | 9 | — | 2 |
| <i>Area No. 8.</i> | | | | |
| Barnard Castle U.D. | 1 | — | — | — |
| Barnard Castle R.D. | 3 | 3 | — | 1 |
| <i>Area No. 9.</i> | | | | |
| Bishop Auckland U.D. | 12 | 7 | 4 | 3 |
| Shildon U.D. | 3 | 2 | — | — |
| Spennymoor U.D. | 4 | — | 1 | — |
| <i>Area No. 10.</i> | | | | |
| Hartlepool M.B. | 5 | 3 | 1 | — |
| Billingham U.D. | 5 | 1 | 1 | 1 |
| Darlington R.D. | 4 | 2 | 1 | — |
| Sedgefield R.D. | 5 | 6 | 1 | 2 |
| Stockton R.D. | — | — | — | — |
| Easington R.D. | 25 | 19 | 1 | 3 |
| Stockton M.B. | 22 | 7 | 7 | 5 |
| ADMINISTRATIVE COUNTY | 257 | 161 | 37 | 37 |

TABLE 33.
ADMINISTRATIVE COUNTY OF DURHAM, 1961—Tuberculosis Notifications.

| | | Formal Notifications | | | | | | | | | | | | | |
|--------------------------|----|--|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------------------|
| | | Number of Primary Notifications of new cases of tuberculosis | | | | | | | | | | | | | |
| AGE PERIODS | | 0— | 1— | 2— | 5— | 10— | 15— | 20— | 25— | 35— | 45— | 55— | 65— | 75— | Total (all ages) |
| Respiratory, Males | .. | 2 | — | 1 | 10 | 1 | 18 | 22 | 21 | 39 | 56 | 50 | 30 | 7 | 257 |
| Respiratory, Females | .. | 1 | 1 | 5 | 7 | 10 | 20 | 28 | 32 | 24 | 14 | 8 | 7 | 4 | 161 |
| Non-Respiratory, Males | .. | — | — | — | 4 | 5 | 6 | 1 | 4 | 4 | 6 | 4 | 2 | 1 | 37 |
| Non-Respiratory, Females | .. | 1 | — | 1 | 1 | 2 | 2 | 4 | 9 | 9 | 5 | 1 | 2 | — | 37 |

ADMINISTRATIVE COUNTY OF DURHAM, 1961—New cases of tuberculosis coming to the knowledge of the County Medical Officer of Health otherwise than by Formal Notification.

| SOURCES OF INFORMATION | | Number of cases in age Groups | | | | | | | | | | | | | TOTAL |
|--|---|-------------------------------|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| | | 0— | 1— | 2— | 5— | 10— | 15— | 20— | 25— | 35— | 45— | 55— | 65— | 75— | |
| Death Returns from Local Registrars | M | — | — | — | — | — | — | — | — | — | — | 4 | 2 | 1 | 7 (A) |
| | F | — | — | — | — | — | — | — | — | 1 | — | — | — | — | 1 (B) |
| | M | — | — | — | — | — | — | — | — | — | — | — | — | — | — (C) |
| | F | — | — | — | — | — | — | — | — | — | — | — | — | 1 | 1 (D) |
| Death Returns from Registrar- General (Trans- ferable deaths) | M | — | — | — | — | — | — | — | — | 1 | 1 | 1 | 2 | 1 | 5 (A) |
| | F | — | — | — | — | — | — | — | — | 1 | 1 | — | — | 2 | 4 (B) |
| | M | — | — | — | — | — | — | — | — | — | — | — | — | — | — (C) |
| | F | — | — | — | — | — | — | — | — | — | — | — | — | — | — (D) |
| Posthumous Noti- fications | M | — | — | — | — | — | — | — | — | 1 | — | 2 | 2 | 1 | 6 (A) |
| | F | — | — | — | — | — | — | — | — | — | — | — | — | — | — (B) |
| | M | — | — | — | — | — | — | — | — | — | — | — | — | — | — (C) |
| | F | — | — | — | — | — | — | — | — | — | — | — | — | — | — (D) |
| TOTALS | | (A) | | | | | | | | | | | 18 | | |
| | | (B) | | | | | | | | | | | 5 | | |
| | | (C) | | | | | | | | | | | — | | |
| | | (D) | | | | | | | | | | | 1 | | |

TABLE 35.

ADMINISTRATIVE COUNTY OF DURHAM.—Primary Notifications of Tuberculosis, 1951-1961.

| Year | | | | Respiratory. | Non-Respiratory. | Totals. |
|------|----|----|----|--------------|------------------|---------|
| 1951 | .. | .. | .. | 1,053 | 182 | 1,235 |
| 1952 | .. | .. | .. | 917 | 158 | 1,075 |
| 1953 | .. | .. | .. | 875 | 128 | 1,003 |
| 1954 | .. | .. | .. | 788 | 123 | 911 |
| 1955 | .. | .. | .. | 673 | 105 | 778 |
| 1956 | .. | .. | .. | 669 | 102 | 771 |
| 1957 | .. | .. | .. | 605 | 103 | 708 |
| 1958 | .. | .. | .. | 563 | 81 | 644 |
| 1959 | .. | .. | .. | 461 | 73 | 534 |
| 1960 | .. | .. | .. | 449 | 61 | 510 |
| 1961 | .. | .. | .. | 418 | 74 | 492 |

TABLE 36.

ADMINISTRATIVE COUNTY OF DURHAM, 1961.—Tuberculosis. New Cases and Mortality.

| Age Period. | | New Cases. | | | | Deaths. | | | |
|----------------|----|-------------|-----|-----------------|----|-------------|----|-----------------|----|
| | | Respiratory | | Non-Respiratory | | Respiratory | | Non-Respiratory | |
| | | M. | F. | M. | F. | M. | F. | M. | F. |
| 0 | .. | 2 | 1 | — | 1 | — | — | — | — |
| 1 | .. | — | 1 | — | — | — | — | — | — |
| 2 | .. | 1 | 5 | — | 1 | — | — | — | — |
| 5 | .. | 10 | 7 | 4 | 1 | — | — | — | — |
| 10 | .. | 1 | 10 | 5 | 2 | — | — | — | — |
| 15 | .. | 18 | 20 | 6 | 2 | — | — | — | — |
| 20 | .. | 22 | 28 | 1 | 4 | — | — | — | — |
| 25 | .. | 21 | 32 | 4 | 9 | 1 | 2 | — | — |
| 35 | .. | 39 | 24 | 4 | 9 | 6 | 3 | — | — |
| 45 | .. | 56 | 14 | 6 | 5 | 10 | 2 | 2 | — |
| 55 | .. | 50 | 8 | 4 | 1 | 17 | 6 | — | — |
| 65 | .. | 30 | 7 | 2 | 2 | 16 | 1 | — | — |
| 75 and upwards | .. | 7 | 4 | 1 | — | 7 | 3 | — | 1 |
| Totals | .. | 257 | 161 | 37 | 37 | 57 | 17 | 2 | 1 |

TABLE 37

ADMINISTRATIVE COUNTY OF DURHAM, 1961.

Deaths from Respiratory Tuberculosis.

| District. | 25-34 | | 35-44 | | 45-54 | | 55-64 | | 65-74 | | 75 and upwards | | Total. | |
|------------------------------|-------|----|-------|----|-------|----|-------|----|-------|----|----------------|----|--------|----|
| | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. | M. | F. |
| <i>Area No. 1.</i> | | | | | | | | | | | | | | |
| Walden U.D. ... | — | — | — | — | 1 | 1 | 2 | — | — | — | — | — | 3 | 1 |
| Walden U.D. ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Whickham U.D. ... | — | — | — | — | — | — | — | — | — | 1 | — | — | — | 1 |
| <i>Area No. 2.</i> | | | | | | | | | | | | | | |
| Widdow M.B. ... | — | — | — | — | — | — | — | — | 1 | — | — | 1 | 1 | 1 |
| Widdow U.D. ... | — | — | — | — | — | — | — | — | — | — | — | 1 | — | 1 |
| Widdow U.D. ... | — | — | — | — | 1 | — | 1 | — | — | — | — | — | 2 | — |
| <i>Area No. 3.</i> | | | | | | | | | | | | | | |
| Widdow U.D. ... | — | — | — | — | — | — | — | — | 1 | — | — | — | 1 | — |
| Widdow U.D. ... | — | — | — | — | 1 | — | 1 | — | — | — | — | — | 2 | — |
| Widdow R.D. ... | — | — | — | — | — | — | — | 1 | — | — | — | — | — | 1 |
| <i>Area No. 4.</i> | | | | | | | | | | | | | | |
| Widdow-le-Street U.D. ... | — | — | — | — | — | — | 2 | — | 1 | — | 2 | — | 5 | — |
| Widdow-le-Street R.D. ... | — | — | — | — | — | — | 2 | — | — | — | 1 | — | 3 | — |
| <i>Area No. 5.</i> | | | | | | | | | | | | | | |
| Widdow U.D. ... | 1 | — | — | — | — | — | — | — | 1 | — | — | — | 2 | — |
| Widdow U.D. ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Widdow-le-Spring U.D. ... | — | — | — | — | — | — | — | 1 | — | — | — | — | — | 1 |
| Widdow U.D. ... | — | — | — | 1 | — | — | — | — | — | — | — | — | — | 1 |
| Widdow U.D. ... | — | 1 | — | — | 1 | — | 1 | — | 2 | — | 1 | — | 5 | 1 |
| Widdow R.D. ... | — | — | — | — | — | — | 1 | — | 1 | — | — | — | 2 | — |
| <i>Area No. 6.</i> | | | | | | | | | | | | | | |
| Widdow & Willington U.D. ... | — | — | — | 1 | — | — | — | — | — | — | — | — | — | 1 |
| Widdow U.D. ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Widdow R.D. ... | — | — | — | — | — | — | 1 | — | 1 | — | — | — | 2 | — |
| <i>Area No. 7.</i> | | | | | | | | | | | | | | |
| Widdow M.B. ... | — | — | — | — | — | — | 1 | — | — | — | — | — | 1 | — |
| Widdow & Byshottles U.D. ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Widdow R.D. ... | — | — | 2 | — | — | — | 1 | — | 2 | — | — | — | 5 | — |
| <i>Area No. 8.</i> | | | | | | | | | | | | | | |
| Widdow Castle U.D. ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Widdow Castle R.D. ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| <i>Area No. 9.</i> | | | | | | | | | | | | | | |
| Widdow Auckland U.D. ... | — | — | 1 | — | — | — | 1 | 2 | — | — | — | — | 2 | 2 |
| Widdow U.D. ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Widdow U.D. ... | — | — | — | 1 | 1 | — | — | — | — | — | 1 | — | 2 | 1 |
| <i>Area No. 10.</i> | | | | | | | | | | | | | | |
| Widdowpool M.B. ... | — | — | — | — | 1 | — | — | — | 1 | — | — | — | 2 | — |
| Widdow U.D. ... | — | — | — | — | — | — | — | 1 | 2 | — | — | — | 2 | 1 |
| Widdow R.D. ... | — | — | — | — | — | 1 | — | — | — | — | — | — | — | 1 |
| Widdow R.D. ... | — | — | — | — | 1 | — | — | — | 1 | — | 1 | — | 3 | — |
| Widdow R.D. ... | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Widdow R.D. ... | — | 1 | 2 | — | — | — | 2 | 1 | 1 | — | — | — | 5 | 2 |
| Widdow M.B. ... | — | — | 1 | — | 3 | — | 1 | — | 1 | — | 1 | 1 | 7 | 1 |
| ADMINISTRATIVE COUNTY ... | 1 | 2 | 6 | 3 | 10 | 2 | 17 | 6 | 16 | 1 | 7 | 3 | 57 | 17 |

Continued from Page 16

| Line | Account | Debit | Credit | Balance |
|------|---------|-------|--------|---------|
| 1 | 1000 | | | |
| 2 | 1000 | | | |
| 3 | 1000 | | | |
| 4 | 1000 | | | |
| 5 | 1000 | | | |
| 6 | 1000 | | | |
| 7 | 1000 | | | |
| 8 | 1000 | | | |
| 9 | 1000 | | | |
| 10 | 1000 | | | |
| 11 | 1000 | | | |
| 12 | 1000 | | | |
| 13 | 1000 | | | |
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| 17 | 1000 | | | |
| 18 | 1000 | | | |
| 19 | 1000 | | | |
| 20 | 1000 | | | |
| 21 | 1000 | | | |
| 22 | 1000 | | | |
| 23 | 1000 | | | |
| 24 | 1000 | | | |
| 25 | 1000 | | | |
| 26 | 1000 | | | |
| 27 | 1000 | | | |
| 28 | 1000 | | | |
| 29 | 1000 | | | |
| 30 | 1000 | | | |
| 31 | 1000 | | | |
| 32 | 1000 | | | |
| 33 | 1000 | | | |
| 34 | 1000 | | | |
| 35 | 1000 | | | |
| 36 | 1000 | | | |
| 37 | 1000 | | | |
| 38 | 1000 | | | |
| 39 | 1000 | | | |
| 40 | 1000 | | | |
| 41 | 1000 | | | |
| 42 | 1000 | | | |
| 43 | 1000 | | | |
| 44 | 1000 | | | |
| 45 | 1000 | | | |
| 46 | 1000 | | | |
| 47 | 1000 | | | |
| 48 | 1000 | | | |
| 49 | 1000 | | | |
| 50 | 1000 | | | |
| 51 | 1000 | | | |
| 52 | 1000 | | | |
| 53 | 1000 | | | |
| 54 | 1000 | | | |
| 55 | 1000 | | | |
| 56 | 1000 | | | |
| 57 | 1000 | | | |
| 58 | 1000 | | | |
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| 60 | 1000 | | | |
| 61 | 1000 | | | |
| 62 | 1000 | | | |
| 63 | 1000 | | | |
| 64 | 1000 | | | |
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| 67 | 1000 | | | |
| 68 | 1000 | | | |
| 69 | 1000 | | | |
| 70 | 1000 | | | |
| 71 | 1000 | | | |
| 72 | 1000 | | | |
| 73 | 1000 | | | |
| 74 | 1000 | | | |
| 75 | 1000 | | | |
| 76 | 1000 | | | |
| 77 | 1000 | | | |
| 78 | 1000 | | | |
| 79 | 1000 | | | |
| 80 | 1000 | | | |
| 81 | 1000 | | | |
| 82 | 1000 | | | |
| 83 | 1000 | | | |
| 84 | 1000 | | | |
| 85 | 1000 | | | |
| 86 | 1000 | | | |
| 87 | 1000 | | | |
| 88 | 1000 | | | |
| 89 | 1000 | | | |
| 90 | 1000 | | | |
| 91 | 1000 | | | |
| 92 | 1000 | | | |
| 93 | 1000 | | | |
| 94 | 1000 | | | |
| 95 | 1000 | | | |
| 96 | 1000 | | | |
| 97 | 1000 | | | |
| 98 | 1000 | | | |
| 99 | 1000 | | | |
| 100 | 1000 | | | |

TABLE 38.

ADMINISTRATIVE COUNTY OF DURHAM.—Respiratory Tuberculosis Death-rates, 1957-61.

| Rate per 1,000 Living. | | | | 1957 | 1958 | 1959 | 1960 | 1961 |
|------------------------|----|----|----|------|------|------|------|-------|
| Municipal Boroughs | .. | .. | .. | 0.14 | 0.14 | 0.08 | 0.11 | 0.09 |
| Urban Districts | .. | .. | .. | 0.13 | 0.10 | 0.09 | 0.09 | 0.07 |
| Rural Districts | .. | .. | .. | 0.15 | 0.10 | 0.13 | 0.10 | 0.08 |
| Administrative County | .. | .. | .. | 0.13 | 0.11 | 0.10 | 0.09 | 0.08* |
| England and Wales | .. | .. | .. | 0.09 | 0.09 | 0.08 | 0.07 | 0.07‡ |

*This death-rate of 0.08 per 1,000 population is the lowest on record for this administrative county.

‡Provisional.

TABLE 39.

ADMINISTRATIVE COUNTY OF DURHAM.—Non-Respiratory Tuberculosis Death-rates, 1957-61.

| Rate per 1,000 Living. | | | | 1957 | 1958 | 1959 | 1960 | 1961 |
|------------------------|----|----|----|------|------|------|------|--------|
| Municipal Boroughs | .. | .. | .. | 0.02 | 0.02 | — | 0.01 | — |
| Urban Districts | .. | .. | .. | 0.01 | 0.02 | 0.01 | 0.01 | 0.002 |
| Rural Districts | .. | .. | .. | 0.01 | 0.01 | 0.01 | 0.01 | 0.007 |
| Administrative County | .. | .. | .. | 0.01 | 0.02 | 0.01 | 0.01 | 0.003* |
| England and Wales | .. | .. | .. | 0.01 | 0.01 | 0.01 | 0.01 | 0.007‡ |

*This death-rate of 0.003 is the lowest on record for this administrative county.

‡Provisional.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

Tables 40 to 44 give particulars of cases of infectious diseases occurring during the year, and the mortality from the principal infective diseases.

Scarlet Fever.—There were 274 cases and no deaths. The corresponding figures for 1960 were 400 cases and no deaths.

Whooping Cough.—The number of cases (669) decreased by 853 when compared with the previous year. There was one death in 1961 compared with none in 1960.

Diphtheria.—For the third year in succession there was no confirmed case.

Measles.—The number of cases, 18,260, showed an increase of 14,666. No death was registered. The case rate was 19 per 1,000 population.

Pneumonia.—Notified cases decreased from 385 in 1960 to 377 in 1961. There were 651 deaths recorded.

Meningococcal Infection.—During the year there were 9 cases and 3 deaths. In 1960 the figures were 15 cases and five deaths.

Acute Poliomyelitis.—An increase in the number of cases from 3 to 14 was recorded. 2 deaths were registered compared to none in 1960.

Acute Encephalitis.—4 cases were notified and no death was recorded.

Dysentery.—A total of 282 cases occurred, a decrease of 301 cases compared with the previous year.

Enteric or Typhoid Fever.—There were 2 cases and no death, compared with 3 cases and no death in the previous year.

Paratyphoid Fever.—In 1960 there were 2 cases compared with 1 this year. No death was recorded in either year.

Food Poisoning.—There was no outbreak of major importance during the year, 54 confirmed cases being recorded, compared with 36 in the previous year.

Influenza.—The number of deaths registered was 48, equal to a death-rate of 0.05 per 1,000 population, compared with 39 deaths and a death-rate of 0.04 in 1960.

Diarrhoea and Enteritis (under 2 years of age).—Deaths registered (6) and the death-rate (0.006 per 1,000 population) were less than last year when 9 deaths occurred giving a death-rate of 0.009. The rate per 1,000 live births was 0.34 compared with 0.51 in 1960.

Reimbursement of Notification Fees.—In accordance with the National Health Service Act, 1946, the County Council reimbursed £2,517 3s. 0d. to district councils for notifications of infectious diseases fees paid to medical practitioners. In 1960 the sum reimbursed was £836 1s. 6d.

VENEREAL DISEASES.

The venereal diseases treatment centres are administered by hospital management committees and the figures in Table 45 have been compiled from returns submitted by hospitals where such clinics are held, and are in respect of patients from the administrative county who attended during the year.

As no suitable applicant was available for the post of social worker, arrangements were made for this work to be undertaken by three health visitors as a normal part of their duties.

TABLE 40.

ADMINISTRATIVE COUNTY OF DURIAM, 1961.

Numbers of all cases of infectious and other notifiable diseases originally notified, and of the final numbers according to sex and age after corrections subsequently made either by notifying medical practitioners or medical superintendents of hospitals.

| | Scarlet fever | | Whooping cough | | Acute poliomyelitis | | | | Measles (excluding rubella) | | Diphtheria | | Dysentery | | Meningo-coccal infection | |
|--|---------------|-----|----------------|-----|---------------------|---|---------------|---|-----------------------------|-------|------------|---|-----------|-----|--------------------------|---|
| | | | | | Paralytic | | Non-paralytic | | | | | | | | | |
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | | |
| Numbers originally notified Total (All Ages) .. | 129 | 146 | 331 | 339 | 11 | 3 | 3 | 2 | 9,394 | 8,882 | — | 2 | 197 | 112 | 5 | 9 |
| Final numbers after correction Under 1 year .. | — | — | 43 | 33 | — | — | — | — | 364 | 436 | — | — | 7 | 2 | 2 | 4 |
| 1— " | 3 | 7 | 36 | 28 | — | — | — | — | 1,044 | 995 | — | — | 10 | 19 | — | — |
| 2— years .. | 11 | 8 | 34 | 52 | — | 1 | — | — | 1,284 | 1,344 | — | — | 13 | 7 | — | — |
| 3— " | 16 | 26 | 47 | 42 | 3 | 1 | — | — | 1,480 | 1,341 | — | — | 8 | 4 | — | 1 |
| 4— " | 19 | 17 | 40 | 42 | 3 | — | 1 | — | 1,421 | 1,318 | — | — | 8 | 3 | 1 | — |
| 5—9 " | 63 | 58 | 123 | 133 | 1 | — | — | — | 3,668 | 3,307 | — | — | 38 | 20 | — | — |
| 10—14 " | 15 | 30 | 5 | 5 | — | — | — | 1 | 88 | 109 | — | — | 38 | 6 | — | — |
| 15—24 " | 1 | — | 1 | 2 | — | 1 | — | — | 15 | 18 | — | — | 30 | 10 | — | — |
| 25 and over .. | — | — | 1 | 2 | 2 | — | — | — | 5 | 5 | — | — | 32 | 26 | — | 1 |
| Age unknown .. | — | — | — | — | — | — | — | — | 15 | 3 | — | — | 1 | — | — | — |
| Total (All Ages) .. | 128 | 146 | 330 | 339 | 9 | 3 | 1 | 1 | 9,384 | 8,876 | — | — | 185 | 97 | 3 | 6 |

| | Acute pneumonia | | Smallpox | | Acute encephalitis | | | | Enteric or Typhoid fever | | Paratyphoid fevers | | Erysipelas | | Food poisoning | |
|--|-----------------|-----|----------|---|--------------------|---|-----------------|---|--------------------------|---|--------------------|---|------------|----|----------------|----|
| | | | | | Infective | | Post-infectious | | | | | | | | | |
| | M | F | M | F | M | F | M | F | M | F | M | F | M | F | | |
| Numbers originally notified Total (All Ages) .. | 224 | 159 | — | — | 1 | 2 | — | 1 | 3 | 1 | 2 | 3 | 14 | 19 | 45 | 35 |
| Final numbers after correction Under 5 years .. | 32 | 21 | — | — | — | 1 | — | — | 1 | 1 | — | 1 | — | — | 9 | 5 |
| 5—14 years .. | 19 | 18 | — | — | — | — | — | 1 | — | — | — | — | — | — | 10 | 5 |
| 15—44 " | 44 | 36 | — | — | — | 2 | — | — | — | — | — | 1 | 7 | 8 | 7 | 7 |
| 45—64 " | 73 | 32 | — | — | — | — | — | — | — | — | — | 7 | 8 | 5 | 3 | 3 |
| 65 and over .. | 49 | 44 | — | — | — | — | — | — | — | — | — | 5 | 2 | 2 | — | — |
| Age unknown .. | 3 | 6 | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Total (All Ages) .. | 220 | 157 | — | — | — | 3 | — | 1 | 1 | 1 | — | 1 | 13 | 17 | 34 | 20 |

| | Tuberculosis | | | | Other notifiable diseases | | | |
|--|--------------|-----|--------------------|---|---------------------------|----|-----------------------|-----|
| | Respiratory | | Meninges & C.N.S.* | | Original | | Final | |
| | M | F | M | F | M | F | M | F |
| Numbers originally notified Total (All Ages) .. | 255 | 152 | 2 | 1 | 37 | 33 | | |
| Final numbers after correction Under 5 years .. | 3 | 6 | — | — | 3 | 3 | | |
| 5—14 years .. | 12 | 16 | 1 | 1 | 7 | 1 | | 101 |
| 15—24 " | 37 | 45 | 1 | 1 | 7 | 6 | Ophthalmia neonatorum | |
| 25—44 " | 62 | 53 | — | — | 9 | 15 | | |
| 45—64 " | 102 | 22 | — | — | 8 | 6 | | |
| 65 and over .. | 38 | 10 | — | — | 2 | 1 | | |
| Age unknown .. | — | — | — | — | — | — | | |
| Total (All Ages) .. | 254 | 152 | 2 | 2 | 36 | 32 | 1 | 1 |

*Central nervous system.

TABLE 42.

ADMINISTRATIVE COUNTY OF DURHAM, 1961.—Notifiable Diseases.
Corrected number of Cases and Deaths.

| Diseases. | | | | | Cases. | Deaths. |
|--------------------------|----|----|----|----|--------|---------|
| Scarlet Fever | .. | .. | .. | .. | 274 | — |
| Whooping Cough | .. | .. | .. | .. | 669 | 1 |
| Diphtheria | .. | .. | .. | .. | — | — |
| Measles | .. | .. | .. | .. | 18,260 | — |
| Pneumonia | .. | .. | .. | .. | 377 | 651 |
| Meningococcal Infection | .. | .. | .. | .. | 9 | 3 |
| Acute Poliomyelitis.— | | | | | | |
| Paralytic | .. | .. | .. | .. | 12 | 2 |
| Non-Paralytic | .. | .. | .. | .. | 2 | — |
| Acute Encephalitis.— | | | | | | |
| Infective | .. | .. | .. | .. | 3 | — |
| Post-Infectious | .. | .. | .. | .. | 1 | — |
| Ophthalmia Neonatorum | .. | .. | .. | .. | 1 | — |
| Puerperal Pyrexia | .. | .. | .. | .. | 101 | — |
| Smallpox | .. | .. | .. | .. | — | — |
| Para-Typhoid Fever | .. | .. | .. | .. | 1 | — |
| Enteric or Typhoid Fever | .. | .. | .. | .. | 2 | — |
| Erysipelas | .. | .. | .. | .. | 30 | — |
| Malaria | .. | .. | .. | .. | 2 | — |

TABLE 43.
ADMINISTRATIVE COUNTY OF DURHAM—Corrected number of cases of certain Infectious Diseases notified, 1952-1961.

| | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | 1961 | Mean of 10 years |
|--|-------|-------|------|------|-------|-------|------|------|------|------|---------------------|
| Smallpox | — | — | — | — | — | — | — | — | — | — | — |
| Scarlet Fever .. | 1,739 | 1,426 | 741 | 413 | 846 | 945 | 762 | 686 | 400 | 274 | 823 |
| Diphtheria .. | 21 | 15 | 11 | 6 | — | — | 1 | — | — | — | 5 |
| Enteric and Para- Typhoid Fevers .. | 18 | 12 | 15 | 41 | 7 | 11 | 6 | 12 | 5 | 2 | 13 |
| Puerperal Pyrexia .. | 107 | 112 | 136 | 129 | 104 | 126 | 97 | 71 | 49 | 101 | 103 |
| Erysipelas .. | 113 | 113 | 91 | 79 | 91 | 74 | 37 | 55 | 40 | 30 | 72 |
| TOTALS .. | 1,998 | 1,678 | 994 | 668 | 1,048 | 1,156 | 903 | 824 | 494 | 407 | 1,017 |
| Attack Rate per 1,000 Living .. | 2.2 | 1.9 | 1.1 | 0.7 | 1.1 | 1.2 | 1.0 | 0.9 | 0.5 | 0.4 | 1.1 |

TABLE 44.

ADMINISTRATIVE COUNTY OF DURHAM.—Deaths and Death-rate from the seven principal Infective Diseases, 1952-1961.

| | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | 1961 | Mean of 10 years |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------------------|
| Estimated Population .. | 899,800 | 906,500 | 910,690 | 914,600 | 921,600 | 928,800 | 935,800 | 943,700 | 950,870 | 955,050 | 916,741 |
| Smallpox .. | — | — | — | — | — | — | — | — | — | — | — |
| Scarlet Fever .. | 2 | — | — | — | 1 | — | — | — | — | — | — |
| Diphtheria .. | 1 | — | — | — | — | — | — | — | — | — | — |
| Enteric Fever .. | 1 | — | — | — | — | 1 | — | — | — | — | — |
| Measles .. | 11 | 8 | 2 | 6 | 1 | 2 | — | 2 | — | — | 3 |
| Whooping Cough .. | 8 | 5 | 6 | 2 | 1 | 1 | — | 1 | — | 1 | 3 |
| Diarrhoea and Enteritis under 2 years .. | 24 | 27 | 27 | 17 | 9 | 11 | 10 | 11 | 9 | 6 | 15 |
| TOTAL DEATHS .. | 47 | 40 | 35 | 25 | 12 | 15 | 10 | 14 | 9 | 7 | 21 |
| Deaths per 1,000 Population .. | 0.05 | 0.04 | 0.04 | 0.03 | 0.01 | 0.02 | 0.01 | 0.01 | 0.009 | 0.007 | 0.02 |

A summary of the work done by the health visitors is as follows.—

| Contacts | | Defaulters | | Others | | Total | |
|----------|--------|------------|--------|--------|--------|-------|--------|
| Cases | Visits | Cases | Visits | Cases | Visits | Cases | Visits |
| 2 | 6 | 58 | 69 | 45 | 58 | 105 | 133 |

The arrangements whereby contact tracing work in the South Shields County Borough was undertaken by County Council staff has now been terminated.

TABLE 45.

ADMINISTRATIVE COUNTY OF DURHAM, 1961.—Numbers of Venereal Diseases patients treated for the first time.

| Treatment Centres. | | | | | | | | | | |
|--------------------|----|---------------------------|-------------------------------------|------------------------------------|----------------------------|-----------------------------------|--|---|---|-------|
| | | Durham County Hosp. | Stockton and Thor'by Hosp. | New- castle General Hosp. | South Shields Clinic | Royal Infr. Sunder- land | General Hospital West Hartle- pool | Memorial Hospital Dar- lington | General Hospital Middles- brough | Total |
| Syphilis | .. | 11 | 2 | 26 | 1 | 13 | — | 3 | — | 56 |
| Gonorrhoea | .. | 1 | 5 | 57 | 17 | 23 | 3 | 3 | 25 | 134 |
| Other Conditions | .. | 52 | 11 | 292 | 45 | 144 | 6 | 37 | 37 | 624 |
| Totals | .. | 64 | 18 | 375 | 63 | 180 | 9 | 43 | 62 | 814 |

CANCER.

Table 46 gives comparative statistics in respect of cancer mortality for this administrative county and England and Wales for the past ten years. Table 48 gives the number of cancer deaths in each sanitary district during 1961 tabulated to show the organs affected together with the sex and age periods.

TABLE 46.

| YEAR | DURHAM COUNTY | | ENGLAND AND WALES. | |
|------|---------------|------------|--------------------|------------|
| | Deaths | Death-rate | Deaths | Death-rate |
| 1952 | 1,693 | 1.88 | 87,642 | 1.99 |
| 1953 | 1,737 | 1.92 | 87,924 | 1.99 |
| 1954 | 1,874 | 2.06 | 90,095 | 2.03 |
| 1955 | 1,811 | 1.98 | 91,340 | 2.06 |
| 1956 | 1,852 | 2.01 | 92,710 | 2.08 |
| 1957 | 1,786 | 1.92 | 94,017 | 2.09 |
| 1958 | 1,807 | 1.93 | 95,804 | 2.12 |
| 1959 | 1,921 | 2.04 | 97,116 | 2.14 |
| 1960 | 1,895 | 1.99 | 98,749 | 2.16 |
| 1961 | 1,895 | 1.98 | *99,914 | 2.16 |

*Provisional.

Cancer of the lung, especially in males, has increased in recent years. This is reflected in the mortality as seen in the following figures.

TABLE 47.

ADMINISTRATIVE COUNTY OF DURHAM.—Mortality from Cancer of the Respiratory System, 1952-1961.

| Year | Deaths | | | Total Death-Rate per 1,000 population |
|------|--------|---------|-------|---------------------------------------|
| | Males | Females | Total | |
| 1952 | 197 | 42 | 239 | 0.27 |
| 1953 | 237 | 31 | 268 | 0.30 |
| 1954 | 228 | 48 | 276 | 0.30 |
| 1955 | 269 | 41 | 310 | 0.34 |
| 1956 | 265 | 38 | 303 | 0.33 |
| 1957 | 290 | 45 | 335 | 0.36 |
| 1958 | 310 | 59 | 369 | 0.39 |
| 1959 | 345 | 56 | 401 | 0.42 |
| 1960 | 320 | 47 | 367 | 0.39 |
| 1961 | 355 | 47 | 402 | 0.42 |

MILK.

Milk (Special Designation) Regulations, 1960.—At the end of the year there were five plants processing milk in the county, all of which were authorised to use the special designations ‘Pasteurised’ and ‘Tuberculin Tested (Pasteurised),’ while one dairy holds an additional licence for the sterilising of milk.

Routine samples continue to be taken of milk delivered to schools, children’s homes and nurseries, and as requested by the Ministry of Health, milk produced at hospital farms has been sampled in accordance with their scheduled requirements.

At the request of the Durham Hospital Management Committee routine samples are taken of milk delivered to hospitals.

The regulations relating to dealers’ licences came into operation on the 1st January, 1961. Lists of names of dealers were obtained from the district councils which indicated approximately 1,735 current dealers’ licences in the county but it was impracticable to ascertain by 1st January, by inspections, that the conditions attached to the respective licences which had to be granted were satisfied. Consequently licences were granted solely on the information available from the local authorities’ lists. The position at the end of the year was as follows.—

| | | |
|------------------------------------|-------------------|--------------|
| No. of licences issued on 1.1.61.— | (i) ‘B’ licences | 18 |
| | (ii) ‘E’ licences | 1,340 |
| | Total | <u>1,358</u> |

| | | |
|--|-------------------|------------|
| No. issued up to and including 31.12.61.— | (i) ‘B’ licences | 1 |
| | (ii) ‘E’ licences | 282 |
| | Total | <u>283</u> |

No. cancelled during year.— 20.

No. of current licences at end of year.— 1,621.

Details of the results of all examinations of samples of milk are given in Table 49.

Food and Drugs Act, 1955. Section 31.—Samples of milk are being obtained and submitted for biological examination. The results of 109 samples have been received and are shown in Table 49. The positive result refers to a sample of raw milk from a producer/retailer, which, on examination, showed *Brucella Melitensis* to be present. In conjunction with officials of the Health Department of the local authority concerned, appropriate action was taken.

The Chief Inspector of Weights and Measures reported that 12 samples of milk were found to be either deficient in milk fat or showed evidence of added water. It was decided that 4 cases were suitable to take before the Justices and 8 were referred to the National Agricultural Advisory Service, two of the latter offenders also receiving warning letters.

TABLE 49.

ADMINISTRATIVE COUNTY OF DURHAM, 1961.—Results of examination of samples of raw, pasteurised and sterilised milk collected by officers of the County Health Department.

| | No. of samples taken | Methylene Blue Test | | | | Phosphatase Test | | | Biological Test for Tuberculosis, etc. | | | | | Turbidity Test | | |
|-------------------------|----------------------|---------------------|--------|--------------|----------|------------------|--------|----------|--|----------|----------|--------------|------------|----------------|--------|----------|
| | | Passed | Failed | Inconclusive | % Failed | Passed | Failed | % Failed | No. of samples taken | Negative | Positive | Inconclusive | % Positive | Passed | Failed | % Failed |
| <i>Pasteurised Milk</i> | (a) Dairies .. | 497 | 3 | — | 0.6 | 500 | — | — | — | — | — | — | — | — | — | — |
| | (b) Schools .. | 173 | 4 | 2 | 2.2 | 179 | — | — | — | — | — | — | — | — | — | — |
| | (c) Hospitals .. | 46 | — | — | — | 46 | — | — | — | — | — | — | — | — | — | — |
| | (d) Dealers .. | 948 | 43 | 2 | 4.3 | 993 | — | — | — | — | — | — | — | — | — | — |
| | | 1718 | 1664 | 50 | 2.9 | 1718 | — | — | — | — | — | — | — | — | — | — |
| <i>Raw Milk</i> | (a) Farms .. | 89 | 25 | — | 21.9 | — | — | — | 49 | — | — | — | — | — | — | — |
| | (b) Dealers .. | 155 | 35 | 1 | 18.3 | — | — | — | 60 | 59 | 1 | — | 1.7 | — | — | — |
| | | 305 | 244 | 60 | 19.7 | — | — | — | 109 | 108 | 1 | — | 0.9 | — | — | — |
| <i>Sterilised Milk</i> | (a) Dairies .. | — | — | — | — | — | — | — | — | — | — | — | — | 38 | — | — |
| | (b) Dealers .. | — | — | — | — | — | — | — | — | — | — | — | — | 441 | — | — |
| | | — | — | — | — | — | — | — | — | — | — | — | — | 479 | — | — |
| TOTALS .. | 2502 | 1908 | 110 | 5 | 4.4 | 1718 | — | — | 109 | 108 | 1 | — | 0.9 | 479 | — | — |

FOOD AND DRUGS ACT.

The following statement shows the results of examinations carried out by the County Analyst during the year.—

| | <i>No. of samples.</i> | <i>No. adulterated.</i> | <i>% adulterated.</i> |
|--------------------------------|----------------------------|-----------------------------|---------------------------|
| Milk | 1,219 | 28 | 2.3 |
| Other foods and drugs | 1,899 | 33 | 1.7 |
| | 3,118 | 61 | 2.0 |

Appeal to cow samples 43

Milk below presumptive standard, but genuine 84

WATER SUPPLIES.

Copies of results of analyses of water samples taken by local authorities are sent to the County Health Department and where necessary further investigations are carried out. Of 606 samples taken, 89 were classified as unsatisfactory. These unsatisfactory samples were generally from individual spring or well supplies to isolated farms or dwellings, and in a number of instances were repeat samples of those reported in previous years. Routine samples of supplies to schools, kitchens, dairies and similar establishments continue to be taken by officers of the Department, and have proved generally satisfactory. Where adverse reports were received they came from local supplies subject to variation in quality and quantity due to extreme weather changes.

There has been no change in the number of major undertakings in the administrative county during the year.

DRAINAGE, SEWERAGE AND SEWAGE DISPOSAL.

Routine inspections of existing disposal works and those under construction continue to be made. A number of schemes to replace over-loaded and defective works, and to enable the continued development of housing estates, have been submitted by local authorities for consideration. Investigations have been carried out in each case and appropriate recommendations made.

Tyneside Sewage Disposal.—Meetings of the Working Committee and Technical Sub-Committee have been held during the year, and Messrs. J. D. and D. M. Watson have been appointed Consulting Engineers to advise on the disposal of sewage at sea. These investigations are continuing.

RURAL WATER SUPPLIES AND SEWERAGE ACTS, 1944-55.

In connection with Section 2(1) of the above Acts, although a number of schemes are under consideration, the following received contributions during the year.—

| | <i>Estimated Cost. £</i> |
|---|----------------------------------|
| (a) Darlington Rural District Sewerage and Sewage Disposal Scheme—Whessoe | 23,467 |
| (b) Darlington Rural District Sewerage and Sewage Disposal Scheme—Middleton-St.-George .. | 75,340 |
| (c) Darlington Rural District Sewerage and Sewage Disposal Scheme—Bishopton | 20,960 |

The following table gives the number and type of convenience in each sanitary district of the county at the end of 1961. In addition information is given in the table as to the conversions of ashpit privies and ash-closets into water-closets during the year.

| DISTRICTS. | Total number in District | | | Ashpit Privies converted into Water-Closets | Ash Closets converted into Water-Closets |
|---------------------------|--------------------------|-------------|----------------|---|--|
| | Water-Closets | Ash-Closets | Ashpit Privies | | |
| AREA NO. 1. | | | | | |
| Blaydon U.D. | 12,212 | 80 | — | — | 2 |
| Ryton U.D. | 4,897 | — | 17 | 1 | 2 |
| Whickham U.D. | 8,591 | 3 | 55 | — | — |
| AREA NO. 2. | | | | | |
| Jarrow M.B. | 10,953 | — | — | — | — |
| Felling U.D. | 12,427 | 10 | — | — | — |
| Hebburn U.D. | 7,800 | — | — | — | — |
| AREA NO. 3. | | | | | |
| Consett U.D. | 13,737 | 71 | 8 | — | — |
| Stanley U.D. | 15,101 | 85 | | — | — |
| Lanchester R.D. | 4,555 | 77 | 37 | — | — |
| AREA NO. 4. | | | | | |
| Chester-le-Street U.D. .. | 7,423 | 22 | — | — | 2 |
| Chester-le-Street R.D. .. | 12,223 | 155 | — | — | — |
| AREA NO. 5. | | | | | |
| Boldon U.D. | 7,998 | 2 | 17 | 28 | — |
| Hetton U.D. | 5,900 | 119 | 17 | — | — |
| Houghton-le-Spring U.D. | 9,924 | 20 | 6 | 1 | — |
| Seaham U.D. | 9,517 | — | 9 | — | — |
| Washington U.D. | 6,965 | 7 | — | — | — |
| Sunderland R.D. | 8,384 | — | 26 | — | — |
| AREA NO. 6. | | | | | |
| Crook & Willington U.D. | 9,036 | 392 | 23 | — | 122 |
| Tow Law U.D. | 677 | 428 | — | — | 9 |
| Weardale R.D. | 2,452 | 559 | 122 | 28 | 33 |
| AREA NO. 7. | | | | | |
| Durham M.B. | 7,282 | 16 | 6 | — | — |
| Brandon & Byshottles U.D. | 5,881 | 693 | 6 | — | 18 |
| Durham R.D. | 12,110 | 194 | 13 | 1 | 9 |
| AREA NO. 8. | | | | | |
| Barnard Castle U.D. .. | 2,312 | 3 | 1 | — | — |
| Barnard Castle R.D. .. | 4,890 | 1,319 | 4 | 64 | 2 |
| AREA NO. 9. | | | | | |
| Bishop Auckland U.D. .. | 11,914 | 1,301 | 113 | — | 42 |
| Sildon U.D. | 4,758 | 179 | — | 2 | — |
| Spennymoor U.D. ... | 7,187 | 306 | 16 | — | — |
| AREA NO. 10. | | | | | |
| Hartlepool M.B. | 5,194 | 13 | 3 | — | — |
| Billingham U.D. | 9,976 | 4 | 30 | — | — |
| Darlington R.D. | 6,860 | 263 | | 46 | |
| Sedgefield R.D. | 13,058 | 169 | | 5 | |
| Stockton R.D. | 3,106 | 33 | — | — | 5 |
| Easington R.D. | 27,486 | 97 | 71 | 1 | — |
| Stockton M.B. | 30,802 | — | — | — | — |

Statement as to the position of Housing in the Administrative County of Durham on the 31st December, 1961. (Figures supplied by District Councils).

| Districts. | Houses Erected during 1961 By | | | Total No. of Inhabited Houses in District |
|-------------------------------------|-------------------------------|-----------------------------|-----------------|---|
| | Local Authority | Any Other Housing Authority | Private Persons | |
| <i>Area No. 1.</i> | | | | |
| Blaydon U.D. | 98 | — | 106 | 10,182 |
| Ryton U.D. | 20 | — | 60 | 4,643 |
| Whickham U.D. | — | — | 181 | 8,040 |
| <i>Area No. 2.</i> | | | | |
| Jarrow M.B. | 268 | — | 9 | 9,053 |
| Felling U.D. | 154 | 242 | 191 | 11,453 |
| Hebburn U.D. | 82 | — | — | 7,862 |
| <i>Area No. 3.</i> | | | | |
| Consett U.D. | 44 | — | 137 | 11,998 |
| Stanley U.D. | 144 | — | 66 | 14,779 |
| Lanchester R.D. | — | — | 36 | 4,407 |
| <i>Area No. 4.</i> | | | | |
| Chester-le-Street U.D. | 43 | — | 72 | 6,310 |
| Chester-le-Street R.D. | 102 | — | 275 | 12,896 |
| <i>Area No. 5.</i> | | | | |
| Boldon U.D. | 160 | — | 137 | 7,520 |
| Hetton U.D. | 37 | — | 19 | 5,447 |
| Houghton-le-Sp. U.D. | 150 | — | 11 | 9,930 |
| Seaham U.D. | 66 | — | 4 | 8,058 |
| Washington U.D. . . . | 14 | — | 139 | 5,907 |
| Sunderland R.D. . . . | 106 | 4 | 99 | 8,888 |
| <i>Area No. 6.</i> | | | | |
| Crook and Willington U.D. | 23 | — | 9 | 8,376 |
| Tow Law U.D. | — | 28 | — | 983 |
| Weardale R.D. | — | — | 4 | 3,136 |
| <i>Area No. 7.</i> | | | | |
| Durham M.B. | — | — | 101 | 6,315 |
| Brandon and Byshottles U.D. | 93 | — | 1 | 6,574 |
| Durham R.D. | 82 | — | 197 | 11,184 |
| <i>Area No. 8.</i> | | | | |
| Barnard Castle U.D. . . | — | 12 | 11 | 1,667 |
| Barnard Castle R.D. . . | 26 | — | 23 | 5,963 |
| <i>Area No. 9.</i> | | | | |
| Bp. Auckland U.D. . . | 53 | — | 19 | 11,484 |
| Shildon U.D. | 46 | — | 2 | 4,673 |
| Spennymoor U.D. . . . | 72 | — | 29 | 6,173 |
| <i>Area No. 10.</i> | | | | |
| Hartlepool M.B. . . . | 132 | — | 103 | 5,210 |
| Billingham U.D. . . . | 168 | 6 | 127 | 9,769 |
| Darlington R.D. . . . | 24 | 330 | 48 | 7,102 |
| Sedgefield R.D. . . . | 46 | — | 34 | 11,241 |
| Stockton R.D. | 8 | — | 99 | 3,005 |
| Easington R.D. | 118 | 337 | 32 | 27,056 |
| Stockton M.B. | 395 | 2 | 391 | 24,608 |
| Total | 2,774 | 961 | 2,772 | 301,892 |

TABLE A.

ADMINISTRATIVE COUNTY OF DURHAM, 1961.—Deaths by causes at various age periods.

| | All Ages | Under 1 week. | Under 1 mth. | 1—3 mths. | 3—6 mths. | 6—9 mths. | 9—12 mths. | Under 1 Year | 1—2 yrs. | 2—5 yrs. | 5—15 yrs. | 15—25 yrs. | 25—45 yrs. | 45—65 yrs. | 65—75 yrs. | 75 & Upw. |
|--|-------------|---------------------|--------------------|--------------|--------------|--------------|---------------|--------------------|-------------|-------------|--------------|---------------|---------------|---------------|---------------|--------------|
| Smallpox | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Scarlet Fever | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Diphtheria | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Eneric Fever | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Masles | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Whooping Cough | 1 | — | — | — | — | — | — | — | 1 | — | — | — | — | — | — | — |
| Diarrhoea | 2 | — | — | — | — | — | — | — | — | — | — | — | 1 | — | — | 1 |
| Eneritis | 25 | — | 1 | 2 | 3 | — | — | 6 | — | — | — | — | 1 | 8 | 6 | 4 |
| Cerebro-Spinal Fever | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Encephalitis Lethargica | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Erysipelas | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Influenza | 48 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Cancer | 1,895 | — | — | — | — | — | — | — | 1 | 6 | 9 | 10 | 99 | 724 | 591 | 455 |
| Rheumatic Fever | 14 | — | — | — | — | — | — | — | — | — | — | — | 4 | 5 | 2 | 3 |
| Appendicitis | 9 | — | — | — | — | — | — | — | — | — | — | — | 1 | 1 | 6 | 1 |
| Other Septic Diseases | 9 | — | — | — | — | — | — | — | — | — | — | — | 2 | 3 | 1 | 3 |
| Phthisis | 74 | — | — | — | — | — | — | — | — | — | — | — | 12 | 35 | 17 | 10 |
| Tuberculous Meningitis | 1 | — | — | — | — | — | — | — | — | — | — | — | — | 1 | — | — |
| Abdominal Tuberculosis | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Other Tuberculous Diseases | 2 | — | — | — | — | — | — | — | — | — | — | — | — | 1 | — | 1 |
| Bronchitis | 567 | — | 1 | 1 | 3 | — | — | 5 | 2 | 1 | — | — | 12 | 175 | 197 | 175 |
| Broncho-Pneumonia | 447 | 7 | 4 | 10 | 13 | 7 | 6 | 47 | 5 | 1 | 4 | — | 9 | 51 | 109 | 221 |
| Loar Pneumonia | 69 | — | — | — | — | — | 2 | 2 | — | — | 1 | 1 | 3 | 20 | 18 | 24 |
| Pneumonia (All other forms) | 99 | 3 | 5 | 3 | 3 | — | 4 | 18 | 1 | 2 | — | — | — | 8 | 19 | 51 |
| Pleurisy | 4 | — | — | — | — | — | — | — | — | — | — | — | — | 2 | 2 | — |
| Other Diseases of Respiratory Organs | 108 | — | — | 1 | — | — | — | 1 | — | — | 2 | 2 | 6 | 44 | 42 | 11 |
| Alcoholism | 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | 1 | — |
| Cirrhosis of Liver | 37 | — | — | — | — | — | — | — | — | — | — | — | 4 | 18 | 10 | 5 |
| Nephritis and Bright's Disease | 152 | — | — | — | — | — | — | — | — | — | 3 | 4 | 22 | 44 | 38 | 41 |
| Purperal Sepsis | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Other Diseases of Pregnancy, Childbirth and the Puerperal State | 7 | — | — | — | — | — | — | — | — | — | — | 2 | 5 | — | — | — |
| Congenital Malformation | 105 | 31 | 23 | 19 | 11 | 6 | — | 90 | 8 | 2 | 3 | 2 | — | — | — | — |
| Premature Birth | 156 | 149 | 4 | 3 | — | — | — | 156 | — | — | — | — | — | — | — | — |
| Congenital Debility | 10 | 9 | — | 1 | — | — | — | 10 | — | — | — | — | — | — | — | — |
| Marasmus, Atrophy | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Injury at Birth | 7 | 7 | — | — | — | — | — | 7 | — | — | — | — | — | — | — | — |
| Atelectasis | 20 | 18 | 2 | — | — | — | — | 20 | — | — | — | — | — | — | — | — |
| Meningitis (not Tuberculous) | 10 | — | 2 | 1 | 2 | 1 | 1 | 7 | — | — | — | — | — | 3 | — | — |
| Convulsions | 4 | — | — | — | 1 | — | 1 | 2 | 1 | — | 1 | — | — | — | — | — |
| Gastritis | 2 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 2 |
| Syphilis | 12 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | 3 |
| Organic Heart Disease | 1,024 | — | — | — | — | — | — | — | — | — | — | — | — | 3 | 6 | 3 |
| Violent or Accidental Death excluding Suicide | 347 | — | 1 | 3 | 7 | 3 | — | 14 | 4 | 13 | 22 | 43 | 60 | 241 | 330 | 387 |
| Suffocation Overlaying | — | — | — | — | — | — | — | — | — | — | — | — | — | 83 | 36 | 70 |
| Burns and Scalds | 1 | — | — | — | — | — | — | — | 1 | — | — | — | — | — | — | — |
| Suicide | 65 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — |
| Arterio-Sclerosis | 3,689 | — | — | — | — | — | — | — | — | — | — | 1 | 18 | 26 | 12 | 8 |
| Senility | 805 | — | — | — | — | — | — | — | — | — | — | — | 59 | 845 | 1,210 | 1,575 |
| Cerebral Haemorrhage | 285 | 15 | — | — | — | — | — | 15 | — | — | — | — | — | — | 54 | 751 |
| Other Defined Diseases | 620 | 1 | — | — | 2 | 2 | 1 | 6 | 3 | 4 | 6 | 4 | 17 | 88 | 77 | 84 |
| Diseases ill-defined or unknown | 4 | 1 | — | — | — | — | — | 1 | — | — | 1 | — | — | 163 | 181 | 194 |
| TOTAL | 10,737 | 241 | 43 | 44 | 45 | 19 | 15 | 407 | 27 | 30 | 54 | 81 | 453 | 2,606 | 2,981 | 4,098 |

| Date | Page | Description |
|------|------|-------------|
| 1891 | 1 | ... |
| 1892 | 2 | ... |
| 1893 | 3 | ... |
| 1894 | 4 | ... |
| 1895 | 5 | ... |
| 1896 | 6 | ... |
| 1897 | 7 | ... |
| 1898 | 8 | ... |
| 1899 | 9 | ... |
| 1900 | 10 | ... |
| 1901 | 11 | ... |
| 1902 | 12 | ... |
| 1903 | 13 | ... |
| 1904 | 14 | ... |
| 1905 | 15 | ... |
| 1906 | 16 | ... |
| 1907 | 17 | ... |
| 1908 | 18 | ... |
| 1909 | 19 | ... |
| 1910 | 20 | ... |
| 1911 | 21 | ... |
| 1912 | 22 | ... |
| 1913 | 23 | ... |
| 1914 | 24 | ... |
| 1915 | 25 | ... |
| 1916 | 26 | ... |
| 1917 | 27 | ... |
| 1918 | 28 | ... |
| 1919 | 29 | ... |
| 1920 | 30 | ... |
| 1921 | 31 | ... |
| 1922 | 32 | ... |
| 1923 | 33 | ... |
| 1924 | 34 | ... |
| 1925 | 35 | ... |
| 1926 | 36 | ... |
| 1927 | 37 | ... |
| 1928 | 38 | ... |
| 1929 | 39 | ... |
| 1930 | 40 | ... |
| 1931 | 41 | ... |
| 1932 | 42 | ... |
| 1933 | 43 | ... |
| 1934 | 44 | ... |
| 1935 | 45 | ... |
| 1936 | 46 | ... |
| 1937 | 47 | ... |
| 1938 | 48 | ... |
| 1939 | 49 | ... |
| 1940 | 50 | ... |
| 1941 | 51 | ... |
| 1942 | 52 | ... |
| 1943 | 53 | ... |
| 1944 | 54 | ... |
| 1945 | 55 | ... |
| 1946 | 56 | ... |
| 1947 | 57 | ... |
| 1948 | 58 | ... |
| 1949 | 59 | ... |
| 1950 | 60 | ... |
| 1951 | 61 | ... |
| 1952 | 62 | ... |
| 1953 | 63 | ... |
| 1954 | 64 | ... |
| 1955 | 65 | ... |
| 1956 | 66 | ... |
| 1957 | 67 | ... |
| 1958 | 68 | ... |
| 1959 | 69 | ... |
| 1960 | 70 | ... |
| 1961 | 71 | ... |
| 1962 | 72 | ... |
| 1963 | 73 | ... |
| 1964 | 74 | ... |
| 1965 | 75 | ... |
| 1966 | 76 | ... |
| 1967 | 77 | ... |
| 1968 | 78 | ... |
| 1969 | 79 | ... |
| 1970 | 80 | ... |
| 1971 | 81 | ... |
| 1972 | 82 | ... |
| 1973 | 83 | ... |
| 1974 | 84 | ... |
| 1975 | 85 | ... |
| 1976 | 86 | ... |
| 1977 | 87 | ... |
| 1978 | 88 | ... |
| 1979 | 89 | ... |
| 1980 | 90 | ... |
| 1981 | 91 | ... |
| 1982 | 92 | ... |
| 1983 | 93 | ... |
| 1984 | 94 | ... |
| 1985 | 95 | ... |
| 1986 | 96 | ... |
| 1987 | 97 | ... |
| 1988 | 98 | ... |
| 1989 | 99 | ... |
| 1990 | 100 | ... |

TABLE B.

POPULATION, BIRTH-RATE, DEATH-RATE, ETC., WITHIN THE ADMINISTRATIVE COUNTY OF DURHAM—1961.

| DISTRICTS | Medical Officer of Health | Area in Acres | Registrar General's estimated Resident Population 1961 | Live Births. | Still Births. | Deaths. | Birth- rate. | Death- rate. | Death-rate from seven Principal Infective Diseases | Infant Mortality- rate per 1,000 Births. | Phthisis Death- rate. | Total Tuber- culosis Death- rate. | Lung Diseases Death- rate. | Deaths occurring outside District included. | Deaths occurring within District excluded |
|---------------------------|---|---------------------|---|-----------------|------------------|---------|-----------------|-----------------|--|--|-----------------------------|---|-------------------------------------|---|---|
| AREA No. 1. | | | | | | | | | | | | | | | |
| Blaydon U.D. .. | J. A. Dryden, M.A., B.Sc., M.B., B.Chir., D.P.H., D.I.H. | 9,235 | 30,790 | 531 | 21 | 348 | 17.2 | 11.3 | 0.03 | 26 | 0.13 | 0.13 | 1.33 | 164 | 9 |
| Ryton U.D. .. | Do. | 5,145 | 13,810 | 189 | 4 | 182 | 13.7 | 13.2 | — | 26 | — | — | 0.87 | 58 | 12 |
| Whickham U.D. .. | Do. | 6,074 | 24,950 | 454 | 11 | 225 | 18.2 | 9.0 | — | 20 | 0.04 | 0.04 | 1.08 | 89 | 135 |
| | | 20,454 | 69,550 | 1,174 | 36 | 755 | 16.9 | 10.9 | 0.01 | 24 | 0.07 | 0.07 | 1.15 | 311 | 156 |
| AREA No. 2. | | | | | | | | | | | | | | | |
| Jarrow M.B. .. | T. C. Falconer, M.B., Ch.B., D.P.H. | 1,697 | 28,690 | 557 | 8 | 317 | 19.4 | 11.0 | — | 34 | 0.07 | 0.07 | 1.46 | 116 | 22 |
| Felling U.D. .. | Do. | 3,259 | 36,130 | 754 | 20 | 379 | 20.9 | 10.5 | — | 27 | 0.03 | 0.03 | 1.27 | 176 | 8 |
| Hebburn, U.D. .. | Do. | 1,554 | 24,980 | 522 | 13 | 253 | 20.9 | 10.1 | — | 8 | 0.08 | 0.08 | 1.08 | 90 | 6 |
| | | 6,510 | 89,800 | 1,833 | 41 | 949 | 20.4 | 10.6 | — | 23 | 0.06 | 0.06 | 1.28 | 382 | 36 |
| AREA No. 3. | | | | | | | | | | | | | | | |
| Consett U.D. .. | R. Hill, M.B., B.Ch., D.P.H. | 10,042 | 38,720 | 692 | 10 | 441 | 17.9 | 11.4 | — | 14 | 0.03 | 0.05 | 1.19 | 77 | 417 |
| Stanley U.D. .. | Do. | 12,659 | 46,500 | 728 | 13 | 544 | 15.7 | 11.7 | 0.02 | 29 | 0.04 | 0.04 | 0.97 | 260 | 7 |
| Lanchester R.D. .. | Do. | 44,243 | 14,600 | 245 | 4 | 229 | 16.8 | 15.7 | — | 20 | 0.07 | 0.07 | 1.16 | 65 | 162 |
| | | 66,944 | 99,820 | 1,665 | 27 | 1,214 | 16.7 | 12.2 | 0.01 | 22 | 0.04 | 0.05 | 1.08 | 402 | 586 |
| AREA No. 4. | | | | | | | | | | | | | | | |
| Chester-le-Street U.D. | J. L. Siddle, M.B., B.S., D.P.H. | 2,656 | 18,930 | 289 | 11 | 259 | 15.3 | 13.7 | — | 21 | 0.26 | 0.26 | 1.58 | 45 | 183 |
| Chester-le-Street R.D. | Do. | 22,223 | 41,240 | 687 | 19 | 452 | 16.7 | 11.0 | — | 23 | 0.07 | 0.07 | 1.21 | 242 | 8 |
| | | 24,879 | 60,170 | 976 | 30 | 711 | 16.2 | 11.8 | — | 23 | 0.13 | 0.13 | 1.33 | 287 | 191 |
| AREA No. 5. | | | | | | | | | | | | | | | |
| Boldon U.D. .. | T. C. Falconer, M.B., Ch.B., D.P.H. | 7,640 | 22,540 | 442 | 6 | 226 | 19.6 | 10.0 | — | 9 | 0.09 | 0.09 | 1.51 | 97 | 7 |
| Hetton U.D. .. | R. C. F. Smith, M.D., D.P.H. | 4,551 | 17,520 | 272 | 7 | 152 | 15.5 | 8.7 | — | 22 | — | — | 0.91 | 70 | 5 |
| Houghton-le-Spring U.D. | Do. | 5,026 | 30,670 | 565 | 5 | 340 | 18.4 | 11.1 | — | 27 | 0.03 | 0.03 | 1.08 | 180 | 1 |
| Seaham U.D. .. | J. W. A. Rodgers, M.B., B.Ch., D.P.H. | 2,469 | 25,660 | 485 | 17 | 268 | 18.9 | 10.4 | 0.04 | 35 | 0.04 | 0.04 | 1.25 | 131 | 54 |
| Washington U.D. .. | R. C. F. Smith, M.D., D.P.H. | 5,758 | 18,880 | 368 | 4 | 218 | 19.5 | 11.5 | 0.05 | 22 | 0.32 | 0.32 | 1.59 | 86 | 1 |
| Sunderland R.D. .. | Do. | 6,734 | 28,090 | 497 | 11 | 340 | 17.7 | 12.1 | — | 14 | 0.07 | 0.07 | 1.82 | 103 | 331 |
| | | 32,178 | 143,360 | 2,629 | 50 | 1,544 | 18.3 | 10.8 | 0.01 | 22 | 0.08 | 0.08 | 1.37 | 667 | 399 |
| AREA No. 6. | | | | | | | | | | | | | | | |
| Crook & Willington U.D. | G. A. Macgregor, M.D., D.P.H. | 15,476 | 25,290 | 383 | 4 | 349 | 15.1 | 13.8 | — | 21 | 0.04 | 0.04 | 1.15 | 111 | 32 |
| Tow Law U.D. .. | Do. | 477 | 2,930 | 47 | 2 | 45 | 16.0 | 15.4 | — | 64 | — | — | 1.71 | 20 | 1 |
| Weardale R.D. .. | Do. | 99,513 | 8,350 | 120 | 3 | 142 | 14.4 | 17.0 | — | 42 | 0.24 | 0.24 | 1.20 | 48 | 43 |
| | | 115,466 | 36,570 | 550 | 9 | 536 | 15.0 | 14.7 | — | 29 | 0.08 | 0.08 | 1.20 | 179 | 76 |
| AREA No. 7. | | | | | | | | | | | | | | | |
| Durham M.B. .. | R. G. Drummond, M.B., Ch.B., D.P.H. | 4,578 | 21,540 | 289 | 3 | 254 | 13.4 | 11.8 | 0.05 | 17 | 0.05 | 0.05 | 1.67 | 25 | 400 |
| Brandon & Byshottles U.D. | Do. | 8,224 | 19,990 | 355 | 11 | 229 | 17.8 | 11.5 | — | 37 | — | — | 1.70 | 99 | 7 |
| Durham R.D. .. | Do. | 34,068 | 36,070 | 645 | 16 | 371 | 17.5 | 10.3 | — | 17 | 0.14 | 0.14 | 1.00 | 162 | 5 |
| | | 46,870 | 77,600 | 1,289 | 30 | 854 | 16.6 | 11.0 | 0.01 | 22 | 0.08 | 0.08 | 1.37 | 286 | 412 |
| AREA No. 8. | | | | | | | | | | | | | | | |
| Barnard Castle U.D. | A. S. M. Wilson, L.R.C.P., L.R.C.S., L.R.F.P.S., D.P.H. | 559 | 5,290 | 85 | 2 | 93 | 16.1 | 17.6 | — | 35 | — | — | 1.51 | 19 | 35 |
| Barnard Castle R.D. | Do. | 110,118 | 16,810 | 243 | 4 | 211 | 14.5 | 12.6 | — | 21 | — | — | 0.77 | 71 | 8 |
| | | 110,677 | 22,100 | 328 | 6 | 304 | 14.8 | 13.8 | — | 24 | — | — | 0.95 | 90 | 43 |
| AREA No. 9. | | | | | | | | | | | | | | | |
| Bishop Auckland U.D. | J. M. Hegarty, M.B., B.Ch., B.A.O., D.P.H. | 9,332 | 35,400 | 626 | 19 | 438 | 17.7 | 12.4 | — | 29 | 0.11 | 0.11 | 1.07 | 38 | 361 |
| Shildon U.D. .. | Do. | 4,827 | 14,070 | 261 | 7 | 160 | 18.6 | 11.4 | — | 23 | — | — | 1.07 | 81 | 6 |
| Spennymoor U.D. .. | Do. | 7,543 | 19,110 | 329 | 7 | 199 | 17.2 | 10.4 | — | 33 | 0.16 | 0.16 | 1.26 | 103 | 2 |
| | | 21,702 | 68,580 | 1,216 | 33 | 797 | 17.7 | 11.6 | — | 29 | 0.10 | 0.10 | 1.12 | 222 | 369 |
| AREA No. 10. | | | | | | | | | | | | | | | |
| Hartlepool M.B. .. | L. R. Benham, M.B., B.S., D.P.H. | 1,473 | 17,710 | 320 | 6 | 176 | 18.1 | 9.9 | — | 19 | 0.11 | 0.11 | 0.90 | 82 | 54 |
| Billingham U.D. .. | Do. | 7,855 | 31,880 | 743 | 11 | 270 | 23.3 | 8.5 | — | 17 | 0.09 | 0.09 | 0.97 | 153 | 18 |
| Darlington R.D. .. | M. W. Rodgers, M.B., B.Ch., B.A.O., D.P.H. | 45,479 | 24,000 | 526 | 8 | 186 | 21.9 | 7.8 | — | 27 | 0.04 | 0.04 | 0.63 | 79 | 22 |
| Sedgefield R.D. .. | Do. | 39,057 | 37,160 | 552 | 15 | 550 | 14.9 | 14.8 | — | 33 | 0.08 | 0.11 | 1.86 | 91 | 431 |
| Stockton R.D. .. | L. R. Benham, M.B., B.S., D.P.H. | 40,614 | 9,670 | 191 | 4 | 108 | 19.8 | 11.2 | — | 10 | — | — | 1.34 | 52 | 5 |
| | | 134,478 | 120,420 | 2,332 | 44 | 1,290 | 19.4 | 10.7 | — | 23 | 0.07 | 0.08 | 1.20 | 457 | 530 |
| Easington R.D. .. | J. W. A. Rodgers, M.B., B.Ch., D.P.H. | 34,653 | 85,580 | 1,689 | 46 | 892 | 19.7 | 10.4 | 0.02 | 22 | 0.08 | 0.09 | 1.15 | 352 | 87 |
| Stockton M.B. .. | H. J. Peters, M.B., B.S., B.Hy., D.P.H., D.P.A. | 5,465 | 81,500 | 1,730 | 43 | 891 | 21.2 | 10.9 | — | 24 | 0.10 | 0.10 | 1.44 | 308 | 166 |
| ADMINISTRATIVE COUNTY .. | | 620,276 | 955,050 | 17,411 | 395 | 10,737 | 18.2 | 11.2 | 0.01 | 23 | 0.08 | 0.08 | 1.24 | 3,943 | 3,051 |

TABLE D.

ADMINISTRATIVE COUNTY OF DURHAM.—CLASSIFICATION OF DEATHS AS SUPPLIED BY THE REGISTRAR GENERAL, 1961.

(Throughout this report figures relating to deaths are based on local tabulations extracted from the monthly returns submitted by district registrars).

| CAUSES OF DEATH. | | | | TOTAL | M | F | *URBAN DISTRICTS | | RURAL DISTRICTS | | AGE PERIODS. | | | | | | | | | | | | | | | |
|------------------|---|-------|------|-------|------|------|------------------|------|-----------------|----|--------------|----|-----|------|------|------|-----|---------|----|----|-----|-----|------|------|-----|-----|
| | | | | | | | M | F | M | F | MALE. | | | | | | | FEMALE. | | | | | | | | |
| | | | | | | | | | | | 0— | 1— | 5— | 15— | 25— | 45— | 65— | 75— | 0— | 1— | 5— | 15— | 25— | 45— | 65— | 75— |
| 1 | Tuberculosis, respiratory | 75 | 54 | 21 | 35 | 16 | 19 | 5 | — | — | — | — | 5 | 28 | 15 | 6 | — | — | — | — | 7 | 8 | 2 | 4 | | |
| 2 | Tuberculosis, other | 5 | 2 | 3 | 1 | 2 | 1 | 1 | — | — | — | — | — | 2 | — | — | — | — | — | — | 2 | — | — | 1 | | |
| 3 | Syphilitic disease | 20 | 12 | 8 | 10 | 5 | 2 | 3 | — | — | — | — | — | 6 | 4 | 2 | — | — | — | — | 1 | — | 4 | 3 | | |
| 4 | Diphtheria | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| 5 | Whooping Cough | 1 | — | 1 | — | — | — | 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| 6 | Meningococcal infections | 4 | 2 | 2 | — | 1 | 2 | 1 | 2 | — | — | — | — | — | — | — | 2 | 1 | — | — | — | — | — | | | |
| 7 | Acute poliomyelitis | 2 | 2 | — | 2 | — | — | — | — | — | 1 | 1 | — | — | — | — | — | — | — | — | — | — | — | | | |
| 8 | Measles | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | | |
| 9 | Other infective and parasitic diseases | 17 | 10 | 7 | 9 | 5 | 1 | 2 | — | 3 | — | 1 | 1 | 2 | 2 | 1 | 2 | — | 1 | — | 2 | 1 | — | | | |
| 10 | Malignant neoplasm, stomach | 357 | 198 | 159 | 128 | 110 | 70 | 49 | — | — | — | — | 6 | 76 | 64 | 52 | — | — | — | — | 4 | 39 | 48 | 68 | | |
| 11 | Malignant neoplasm, lung, bronchus | 391 | 342 | 49 | 243 | 40 | 99 | 9 | — | — | — | — | 13 | 179 | 108 | 42 | — | — | — | — | 7 | 24 | 12 | 6 | | |
| 12 | Malignant neoplasm, breast | 148 | 4 | 144 | 3 | 102 | 1 | 42 | — | — | — | — | — | — | 3 | 1 | — | — | — | — | 10 | 69 | 39 | 26 | | |
| 13 | Malignant neoplasm, uterus | 73 | — | 73 | — | 56 | — | 17 | — | — | — | — | — | — | — | — | — | — | — | 11 | 39 | 15 | 8 | | | |
| 14 | Other malignant and lymphatic neoplasms | 870 | 453 | 417 | 320 | 280 | 133 | 137 | — | 1 | 2 | 2 | 26 | 150 | 147 | 125 | — | 2 | 2 | 5 | 18 | 132 | 133 | 125 | | |
| 15 | Leukaemia, aleukaemia | 57 | 29 | 28 | 21 | 18 | 8 | 10 | — | 2 | 3 | 3 | 3 | 9 | 6 | 3 | — | 2 | 1 | 1 | 4 | 9 | 5 | 6 | | |
| 16 | Diabetes | 70 | 17 | 53 | 11 | 35 | 6 | 18 | — | — | — | — | 1 | 2 | 5 | 9 | — | — | — | — | 3 | 9 | 24 | 17 | | |
| 17 | Vascular lesions of nervous system | 1601 | 745 | 856 | 488 | 566 | 257 | 290 | — | — | — | 2 | 13 | 152 | 249 | 329 | — | — | — | 2 | 7 | 132 | 257 | 458 | | |
| 18 | Coronary disease, angina | 2116 | 1320 | 796 | 875 | 544 | 445 | 252 | — | — | — | — | 42 | 501 | 427 | 350 | — | — | — | — | 10 | 151 | 315 | 320 | | |
| 19 | Hypertension with heart disease | 237 | 94 | 143 | 57 | 101 | 37 | 42 | — | — | — | — | 1 | 21 | 33 | 39 | — | — | — | — | 1 | 21 | 50 | 71 | | |
| 20 | Other heart disease | 1175 | 515 | 660 | 358 | 436 | 157 | 224 | — | — | 1 | 1 | 24 | 77 | 130 | 282 | — | — | — | 2 | 21 | 75 | 131 | 431 | | |
| 21 | Other circulatory disease | 471 | 230 | 241 | 140 | 161 | 90 | 80 | — | — | — | — | 10 | 36 | 51 | 133 | 1 | — | — | — | 2 | 21 | 62 | 155 | | |
| 22 | Influenza | 56 | 29 | 27 | 22 | 17 | 7 | 10 | — | — | — | — | 4 | 8 | 9 | 8 | — | 1 | — | — | — | 6 | 9 | 11 | | |
| 23 | Pneumonia | 509 | 241 | 268 | 164 | 174 | 77 | 94 | 38 | 3 | 2 | 1 | 6 | 30 | 56 | 105 | 32 | 3 | 3 | — | 6 | 33 | 59 | 132 | | |
| 24 | Bronchitis | 571 | 428 | 143 | 302 | 100 | 126 | 43 | 2 | 1 | — | — | 7 | 146 | 156 | 116 | 3 | 1 | — | — | 3 | 27 | 43 | 66 | | |
| 25 | Other diseases of respiratory system | 126 | 85 | 41 | 63 | 31 | 22 | 10 | 3 | — | — | — | 4 | 37 | 27 | 14 | — | — | 1 | 1 | 1 | 6 | 8 | 24 | | |
| 26 | Ulcer of stomach and duodenum | 75 | 52 | 23 | 36 | 17 | 16 | 6 | — | — | — | 1 | 5 | 18 | 15 | 13 | — | — | 1 | — | 1 | 8 | 5 | 9 | | |
| 27 | Gastritis, enteritis and diarrhoea | 38 | 12 | 26 | 9 | 19 | 3 | 7 | 2 | — | — | — | — | 5 | 3 | 2 | 4 | — | — | — | 2 | 5 | 8 | 7 | | |
| 28 | Nephritis and nephrosis | 81 | 47 | 34 | 25 | 26 | 22 | 8 | — | — | — | 2 | 9 | 21 | 9 | 6 | — | — | 1 | 1 | 7 | 8 | 9 | 8 | | |
| 29 | Hyperplasia of prostate | 54 | 54 | — | 34 | — | 20 | — | — | — | — | — | — | 2 | 13 | 39 | — | — | — | — | — | — | — | — | | |
| 30 | Pregnancy, childbirth, abortion | 5 | — | 5 | — | 4 | — | 1 | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | — | | |
| 31 | Congenital malformations | 114 | 59 | 55 | 34 | 33 | 25 | 22 | 43 | 4 | 2 | 3 | 5 | 2 | — | — | 42 | 6 | 2 | — | 2 | 2 | 1 | — | | |
| 32 | Other defined and ill-defined diseases | 930 | 429 | 501 | 294 | 330 | 135 | 171 | 120 | 6 | 5 | 2 | 22 | 79 | 61 | 134 | 99 | 3 | 4 | 4 | 29 | 76 | 91 | 195 | | |
| 33 | Motor vehicle accidents | 148 | 118 | 30 | 82 | 22 | 36 | 8 | — | 13 | 8 | 31 | 24 | 21 | 11 | 10 | — | — | 7 | 7 | 5 | 7 | 3 | 1 | | |
| 34 | All other accidents | 266 | 146 | 120 | 108 | 74 | 38 | 46 | 10 | 4 | 4 | 5 | 27 | 46 | 18 | 32 | 4 | 1 | 2 | 1 | 4 | 13 | 17 | 78 | | |
| 35 | Suicide | 67 | 46 | 21 | 37 | 17 | 9 | 4 | — | — | — | 1 | 14 | 17 | 7 | 7 | — | — | — | — | 4 | 11 | 5 | 1 | | |
| 36 | Homicide and operations of war | 6 | 5 | 1 | 2 | 1 | 3 | — | — | — | 1 | 1 | 2 | — | 1 | — | — | — | — | — | — | — | 1 | — | | |
| TOTAL | | 10736 | 5780 | 4956 | 3913 | 3343 | 1867 | 1613 | 220 | 37 | 29 | 57 | 274 | 1673 | 1630 | 1860 | 189 | 20 | 24 | 26 | 177 | 932 | 1356 | 2232 | | |

*Including Municipal Boroughs of Durham, Hartlepool, Jarrow and Stockton.

1. The first part of the document is a list of the names of the persons who have been appointed to the various offices of the Board of Directors of the Corporation. The names are listed in alphabetical order, and each name is followed by the office to which he has been appointed.

| Name of Person | Office | Term of Office | Date of Appointment |
|----------------|----------------|----------------|---------------------|
| J. H. Smith | President | 1904-1905 | January 1, 1904 |
| W. B. Jones | Vice-President | 1904-1905 | January 1, 1904 |
| C. D. Brown | Secretary | 1904-1905 | January 1, 1904 |
| E. F. White | Treasurer | 1904-1905 | January 1, 1904 |

The above list of names and offices is subject to the approval of the Board of Directors of the Corporation.

TABLE E.

Comparative Vital Statistics, Administrative County of Durham and England and Wales, 1961.

| | Rates per 1,000 Population. | | | | | | | | | | | | Rates per 1,000 Total (Live and Still) Births. | |
|------------------|-----------------------------|--------------|------------|-----------------------------|-------------------|------------|--------------|-----------|------------------------|-----------|---------------------------------|---|--|-----------------------|
| | Live Births | Still Births | DEATHS | | | | | | | | DEATHS | | | Maternal Mortality |
| | | | All Causes | Typhoid and Para-Typhoid | Whooping Cough | Diphtheria | Tuberculosis | Influenza | Acute Poliomyelitis | Pneumonia | Under one year—all causes | Enteritis and Diarrhoea Under 2 years | | |
| DURHAM COUNTY | 18.2 | 0.31 | 11.2 | — | 0.001 | — | 0.08 | 0.05 | 0.002 | 0.64 | 23 | 0.34 | 0.39 | |
| *ENGLAND & WALES | 17.4 | 0.33 | 12.0 | 0.00 | 0.00 | 0.00 | 0.07 | 0.15 | 0.00 | 0.65 | 21.6 | † | 0.33 | |

* Provisional

† Not available.

